

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138329.D
 Acq On : 25 Jun 2024 12:16
 Operator : CG\JU
 Sample : PB161658BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161658BS

Quant Time: Jun 26 07:14:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	224267	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	901298	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	501885	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	858016	20.000	ng	0.00
76) Chrysene-d12	14.051	240	408661	20.000	ng	0.00
86) Perylene-d12	15.521	264	475715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1556509	116.101	ng	0.01
7) Phenol-d6	6.522	99	1923752	113.162	ng	0.00
23) Nitrobenzene-d5	7.451	82	1242743	80.271	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	646686	129.431	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2412847	76.447	ng	0.00
79) Terphenyl-d14	12.998	244	2390954	92.665	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	199468	32.512	ng	96
3) Pyridine	3.504	79	481963	33.053	ng	96
4) n-Nitrosodimethylamine	3.469	42	259634	38.473	ng	91
6) Aniline	6.551	93	486746	29.262	ng	96
8) 2-Chlorophenol	6.675	128	653381	45.079	ng	99
9) Benzaldehyde	6.439	77	474041	52.502	ng	98
10) Phenol	6.540	94	741437	42.977	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	582404	42.180	ng	99
12) 1,3-Dichlorobenzene	6.828	146	660774	40.115	ng	99
13) 1,4-Dichlorobenzene	6.904	146	680318	41.041	ng	99
14) 1,2-Dichlorobenzene	7.057	146	659516	42.381	ng	98
15) Benzyl Alcohol	7.028	79	524566	45.764	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	755803	38.785	ng	96
17) 2-Methylphenol	7.139	107	500892	43.801	ng	98
18) Hexachloroethane	7.398	117	241253	42.959	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	420221	41.702	ng	99
20) 3+4-Methylphenols	7.292	107	591997	41.129	ng	95
22) Acetophenone	7.298	105	821256	39.888	ng	95
24) Nitrobenzene	7.469	77	640797	40.047	ng	97
25) Isophorone	7.710	82	1171867	41.847	ng	99
26) 2-Nitrophenol	7.786	139	356926	55.473	ng	98
27) 2,4-Dimethylphenol	7.822	122	448550	45.822	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	736402	42.009	ng	100
29) 2,4-Dichlorophenol	8.028	162	544217	43.182	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	607705	40.888	ng	99
31) Naphthalene	8.192	128	1824835	40.946	ng	99
32) Benzoic acid	7.957	122	401542	46.542	ng	97
33) 4-Chloroaniline	8.233	127	316818	19.020	ng	99
34) Hexachlorobutadiene	8.304	225	358111	41.198	ng	99
35) Caprolactam	8.616	113	175687m	46.175	ng	
36) 4-Chloro-3-methylphenol	8.722	107	559608	44.597	ng	97
37) 2-Methylnaphthalene	8.881	142	1215451	41.555	ng	99
38) 1-Methylnaphthalene	8.981	142	1127399	39.333	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	613460	41.829	ng	99
41) Hexachlorocyclopentadiene	9.033	237	612907	128.166	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	412587	44.929	ng	98

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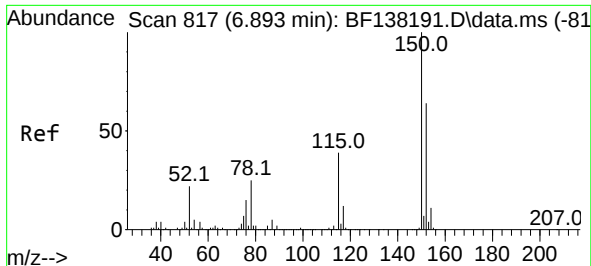
Manual Integrations
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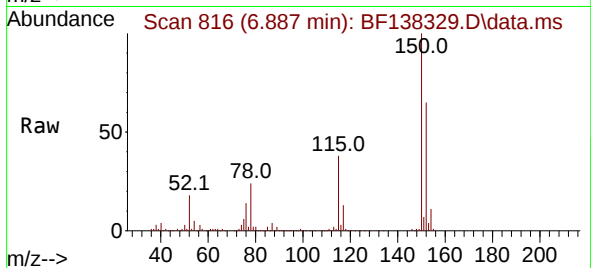
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	435382	43.173	ng	97
46) 1,1'-Biphenyl	9.345	154	1511868	41.053	ng	98
47) 2-Chloronaphthalene	9.375	162	1175000	40.371	ng	97
48) 2-Nitroaniline	9.469	65	333702	47.609	ng	94
49) Acenaphthylene	9.786	152	1813415	44.433	ng	99
50) Dimethylphthalate	9.651	163	1387677	45.127	ng	99
51) 2,6-Dinitrotoluene	9.710	165	321562	48.202	ng	92
52) Acenaphthene	9.963	154	1251083m	44.954	ng	
53) 3-Nitroaniline	9.880	138	212512	29.819	ng	89
54) 2,4-Dinitrophenol	9.986	184	338691	93.739	ng	95
55) Dibenzofuran	10.133	168	1610704	41.401	ng	99
56) 4-Nitrophenol	10.045	139	476871	84.674	ng	92
57) 2,4-Dinitrotoluene	10.116	165	419771	51.016	ng	97
58) Fluorene	10.475	166	1249407	40.845	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	365297	46.349	ng	99
60) Diethylphthalate	10.345	149	1340349	45.925	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	649271	42.619	ng	97
62) 4-Nitroaniline	10.498	138	295221	41.460	ng	95
63) Azobenzene	10.627	77	1220172	41.731	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	232402	52.411	ng	86
66) n-Nitrosodiphenylamine	10.586	169	1131121	43.060	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	426014	44.063	ng	96
68) Hexachlorobenzene	11.022	284	485073	42.992	ng	95
69) Atrazine	11.110	200	351406	46.967	ng	98
70) Pentachlorophenol	11.216	266	534122	81.170	ng	97
71) Phenanthrene	11.439	178	1789657	42.177	ng	99
72) Anthracene	11.492	178	1832292	43.493	ng	98
73) Carbazole	11.645	167	1517250	39.266	ng	99
74) Di-n-butylphthalate	11.969	149	1857717	46.440	ng	99
75) Fluoranthene	12.621	202	1653920	38.224	ng	99
77) Benzidine	12.739	184	198497	41.993	ng	98
78) Pyrene	12.851	202	1653927	46.921	ng	99
80) Butylbenzylphthalate	13.468	149	561520	58.564	ng	98
81) Benzo(a)anthracene	14.039	228	1191646	45.452	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	309409	42.856	ng	98
83) Chrysene	14.074	228	1137481	45.517	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	718440	64.425	ng	99
85) Di-n-octyl phthalate	14.639	149	1258732	75.979	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1579645	50.937	ng	99
88) Benzo(b)fluoranthene	15.092	252	1212592	43.224	ng	100
89) Benzo(k)fluoranthene	15.121	252	1205929	43.863	ng	99
90) Benzo(a)pyrene	15.462	252	1152841	47.834	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1276135	50.133	ng	99
92) Benzo(g,h,i)perylene	17.462	276	1219983	46.328	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

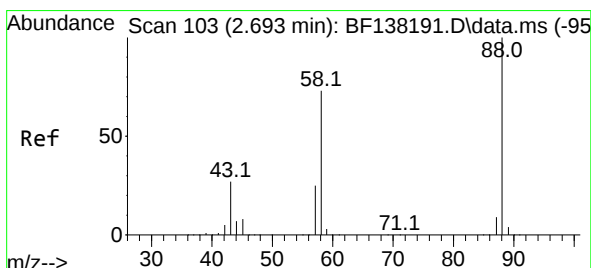
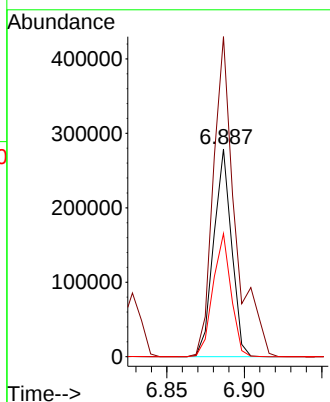
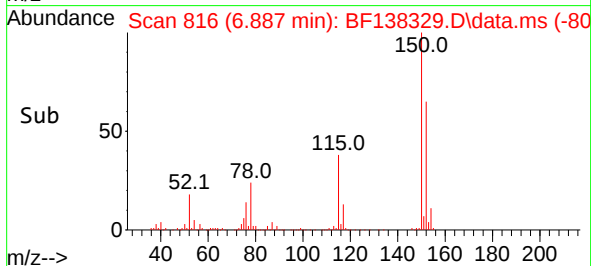
Instrument :
BNA_F
ClientSampleId :
PB161658BS



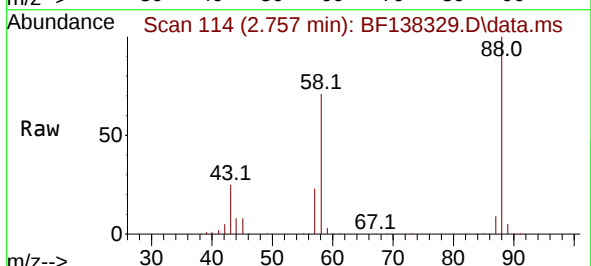
Tgt Ion:152 Resp: 22426
Ion Ratio Lower Upper
152 100
150 154.1 125.0 187.4
115 59.2 48.4 72.6

Manual Integrations
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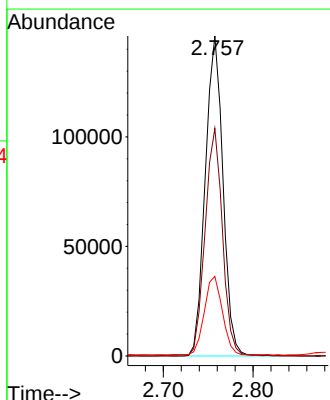
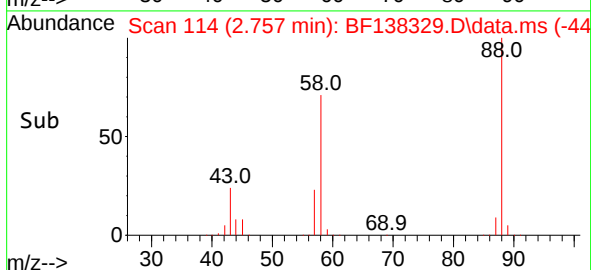
Reviewed By :Yogesh Patel 06/26/2024
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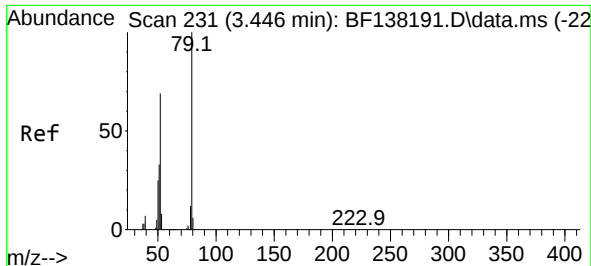


#2
1,4-Dioxane
Concen: 32.512 ng
RT: 2.757 min Scan# 114
Delta R.T. 0.065 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



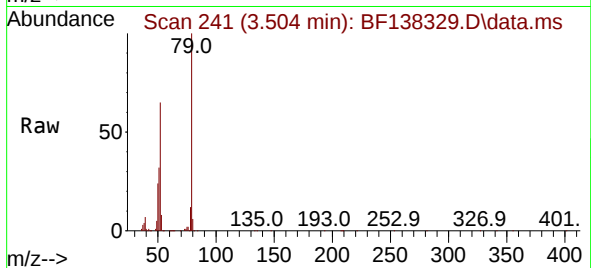
Tgt Ion: 88 Resp: 199468
Ion Ratio Lower Upper
88 100
58 70.1 58.6 87.8
43 25.7 22.4 33.6





#3
Pyridine
Concen: 33.053 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.059 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

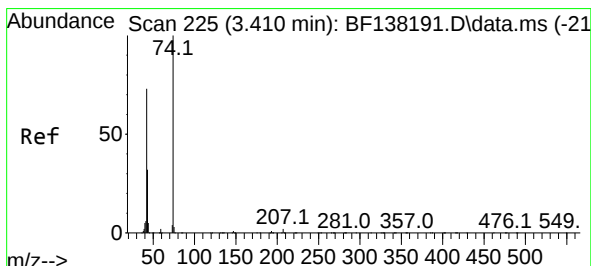
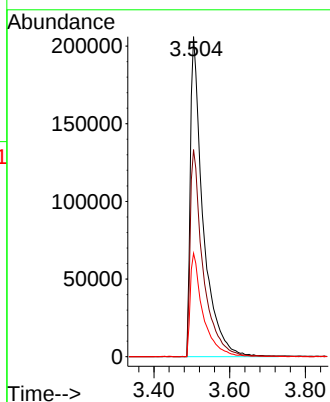
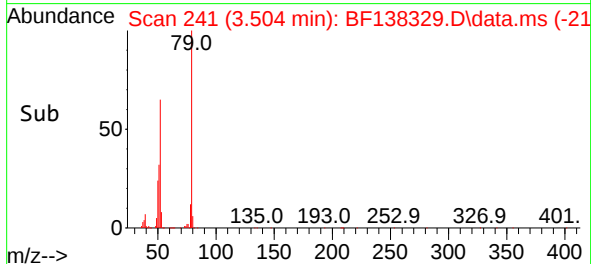
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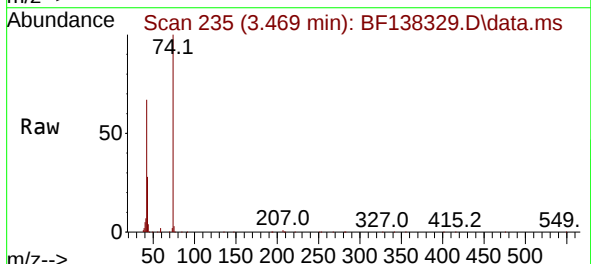
Tgt Ion: 79 Resp: 481963
Ion Ratio Lower Upper
79 100
52 64.7 55.0 82.4
51 32.3 26.9 40.3

Manual Integrations
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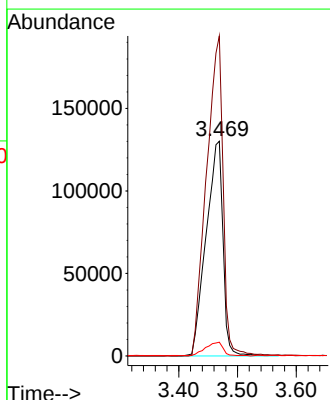
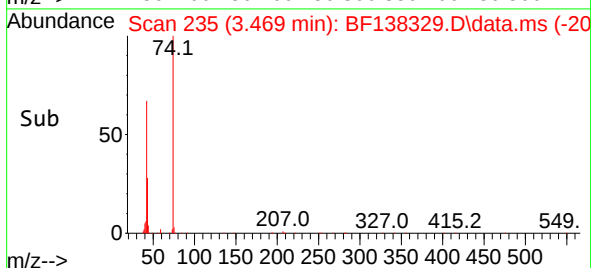
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

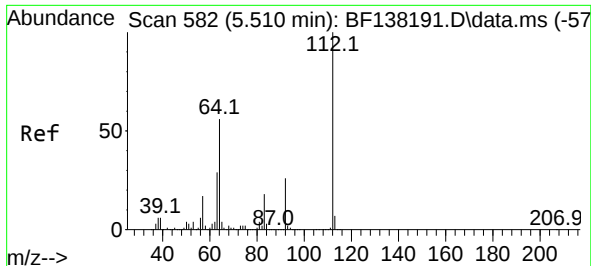


#4
n-Nitrosodimethylamine
Concen: 38.473 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.059 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion: 42 Resp: 259634
Ion Ratio Lower Upper
42 100
74 149.0 109.9 164.9
44 6.4 5.2 7.8





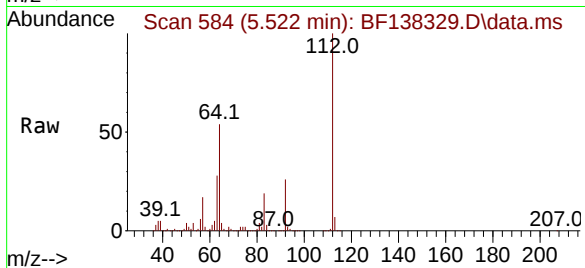
#5
2-Fluorophenol
Concen: 116.101 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



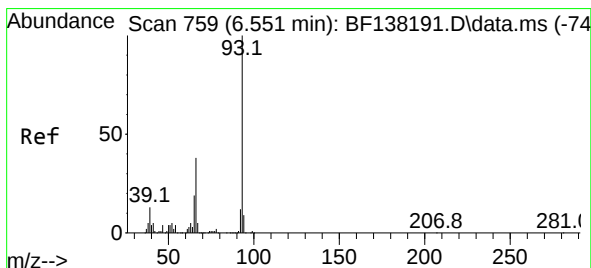
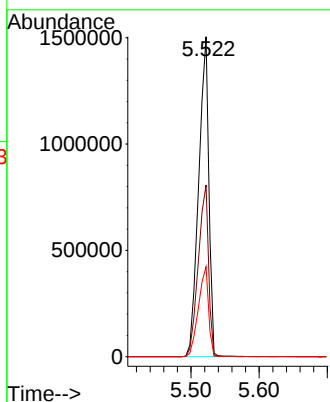
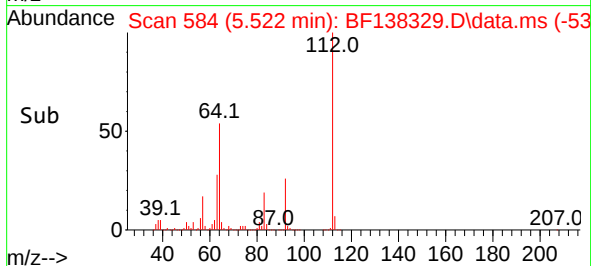
Tgt Ion:112 Resp: 1556509
Ion Ratio Lower Upper
112 100
64 53.7 45.2 67.8
63 28.1 22.9 34.3

Manual Integrations

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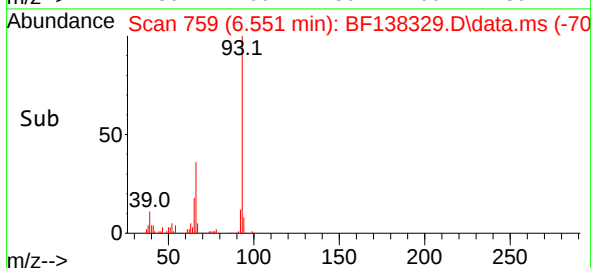
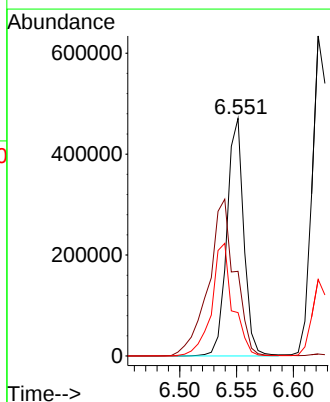
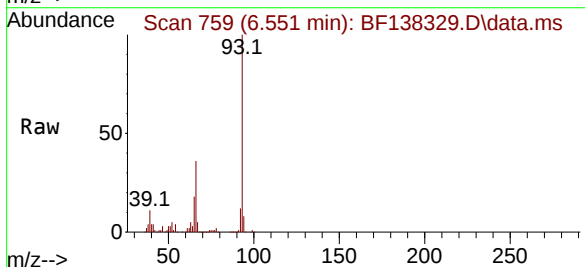
Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#6
Aniline
Concen: 29.262 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion: 93 Resp: 486746
Ion Ratio Lower Upper
93 100
66 35.6 30.8 46.2
65 18.3 15.5 23.3





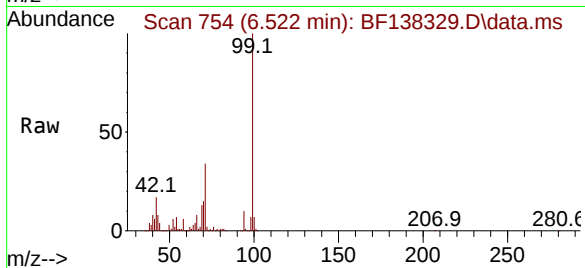
#7
Phenol-d6
Concen: 113.162 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



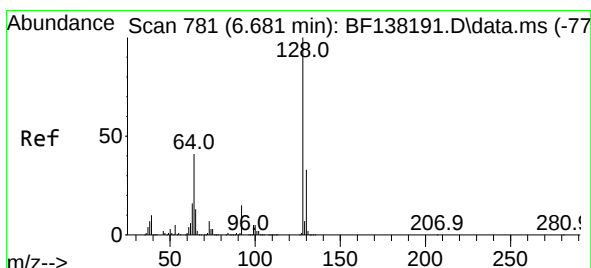
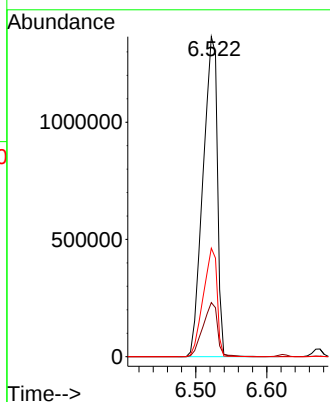
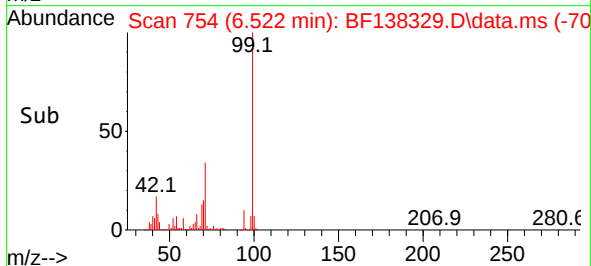
Tgt Ion: 99 Resp: 1923752
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 33.9 25.0 37.6

Manual Integrations

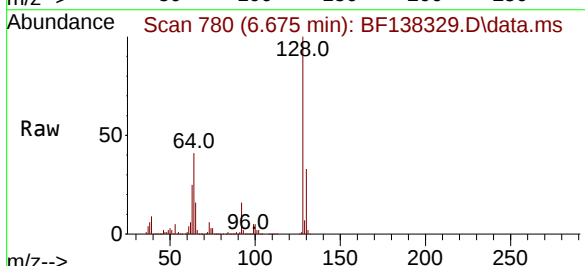
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Reviewed By :Yogesh Patel 06/26/2024

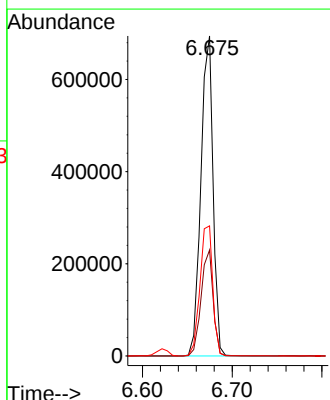
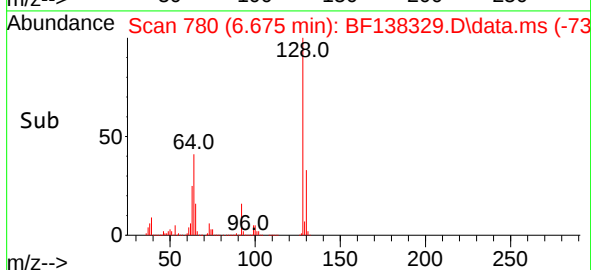
Supervised By :mohammad ahmed 06/27/2024

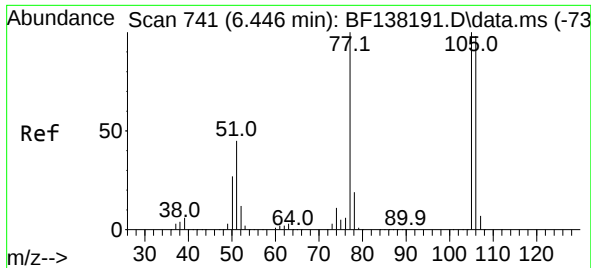


#8
2-Chlorophenol
Concen: 45.079 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:128 Resp: 653381
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 40.7 21.8 61.8





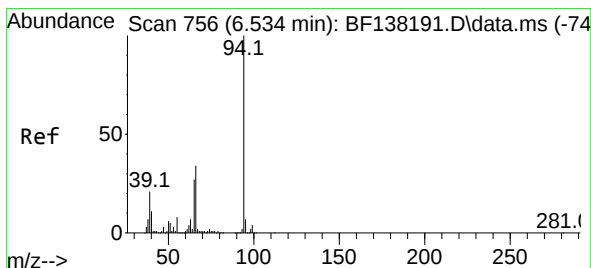
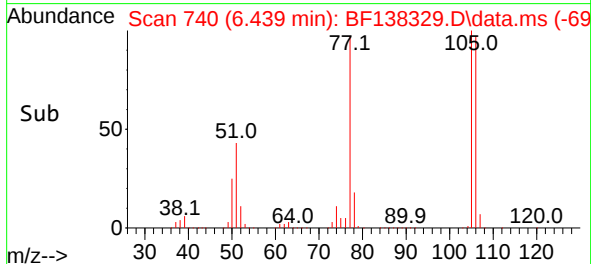
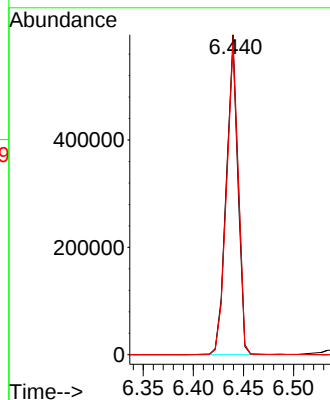
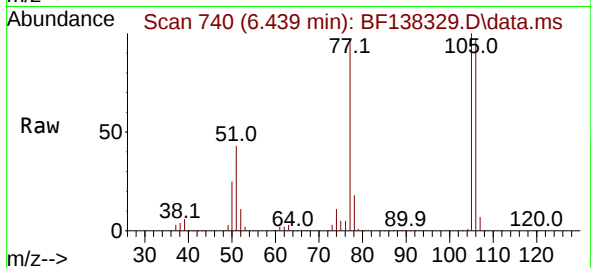
#9
Benzaldehyde
Concen: 52.502 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :
BNA_F
ClientSampleId :
PB161658BS

Tgt Ion: 77 Resp: 47404
Ion Ratio Lower Upper
77 100
105 102.9 80.1 120.1
106 99.7 77.8 117.8

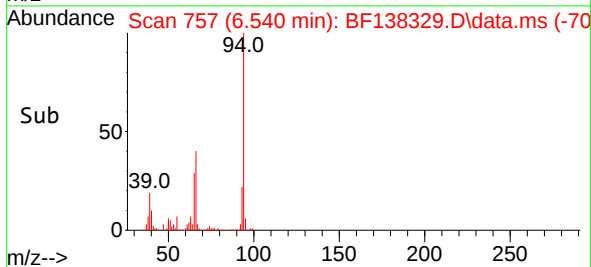
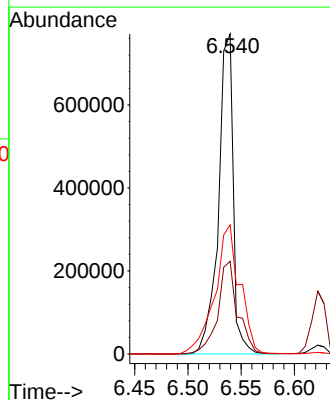
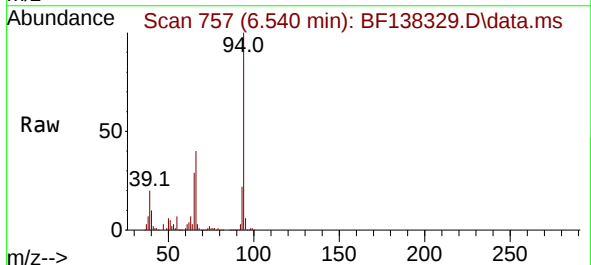
Manual Integrations
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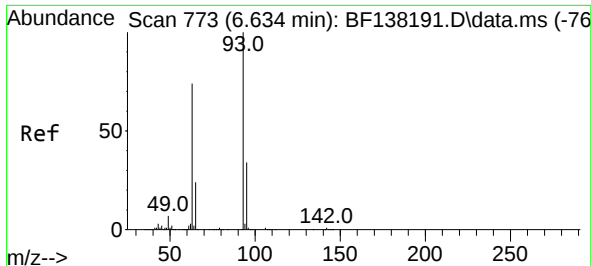
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Phenol
Concen: 42.977 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion: 94 Resp: 741437
Ion Ratio Lower Upper
94 100
65 29.0 6.8 46.8
66 40.3 14.2 54.2





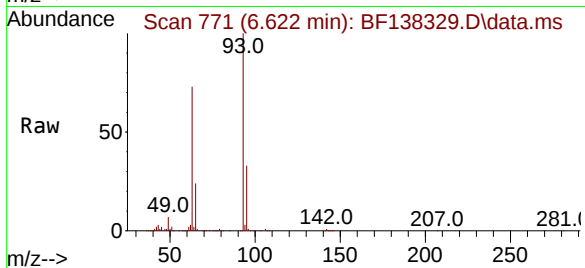
#11
bis(2-Chloroethyl)ether
Concen: 42.180 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



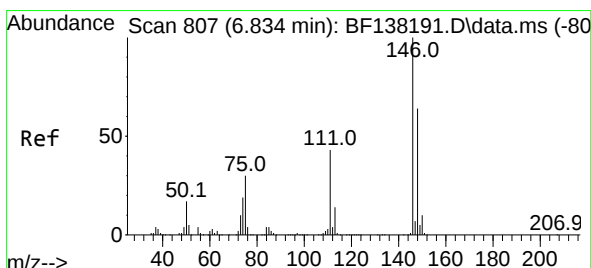
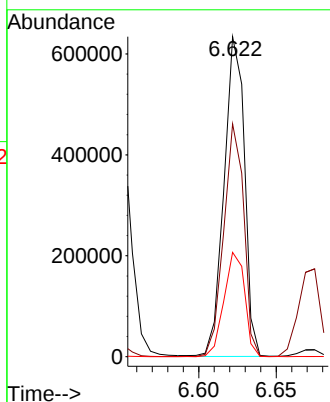
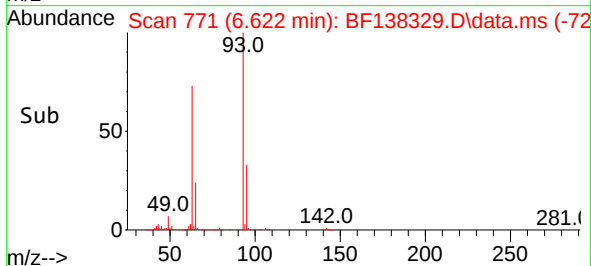
Tgt Ion: 93 Resp: 582404
Ion Ratio Lower Upper
93 100
63 72.7 52.5 92.5
95 32.6 13.2 53.2

Manual Integrations

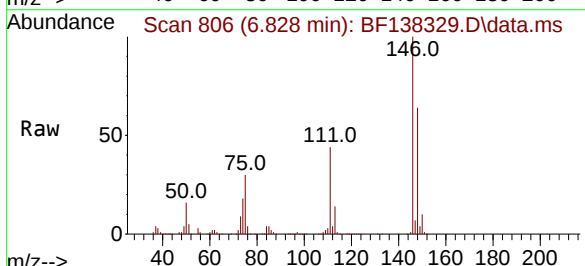
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

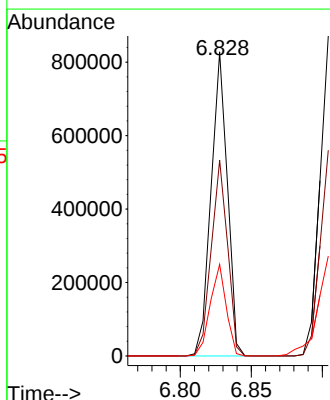
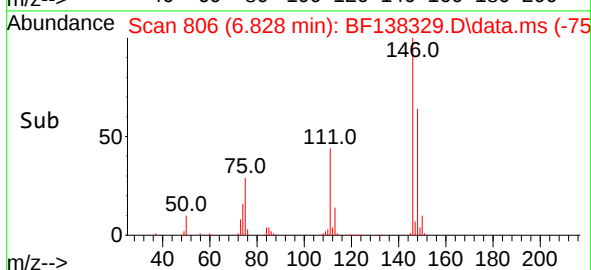
Supervised By :mohammad ahmed 06/27/2024

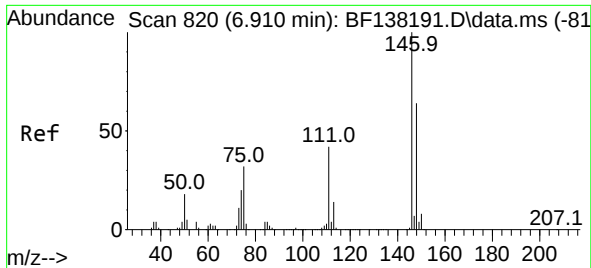


#12
1,3-Dichlorobenzene
Concen: 40.115 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



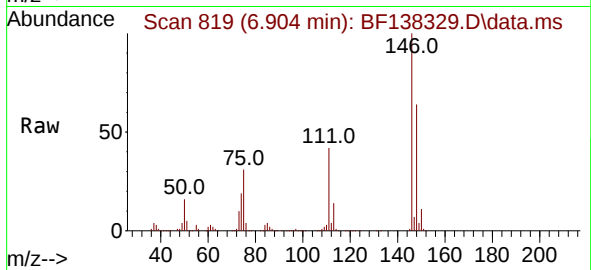
Tgt Ion:146 Resp: 660774
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
75 30.1 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 41.041 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

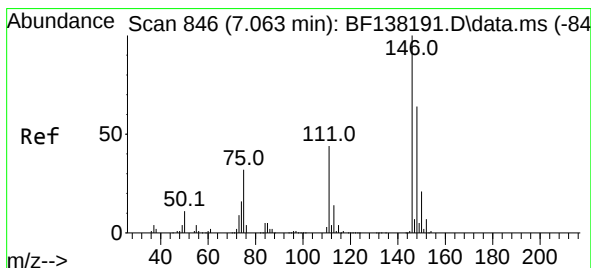
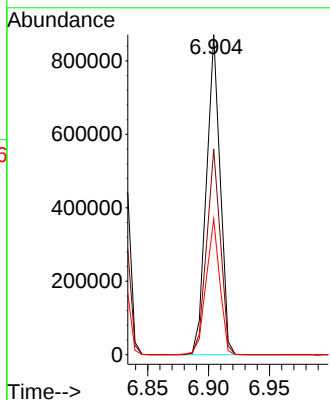
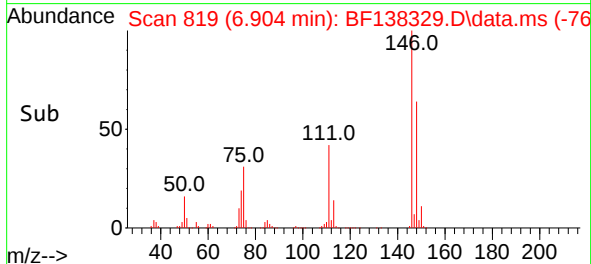
Instrument :
BNA_F
ClientSampleId :
PB161658BS



Tgt Ion:146 Resp: 680318
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 42.4 33.7 50.5

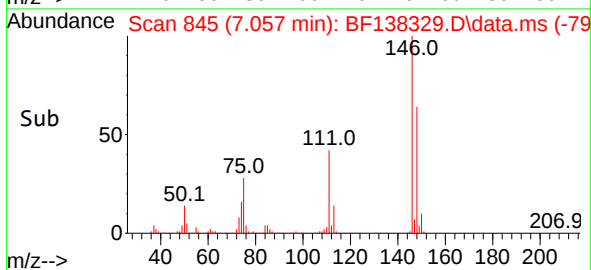
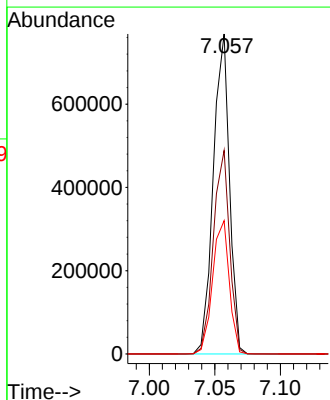
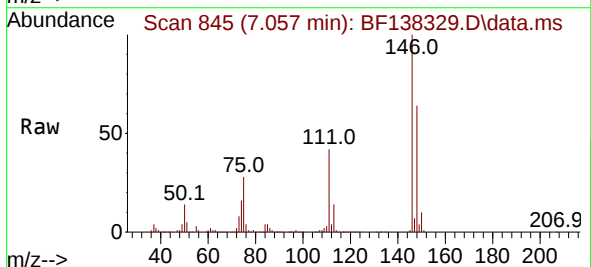
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#14
1,2-Dichlorobenzene
Concen: 42.381 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:146 Resp: 659516
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 41.7 35.4 53.2





#15
Benzyl Alcohol
Concen: 45.764 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

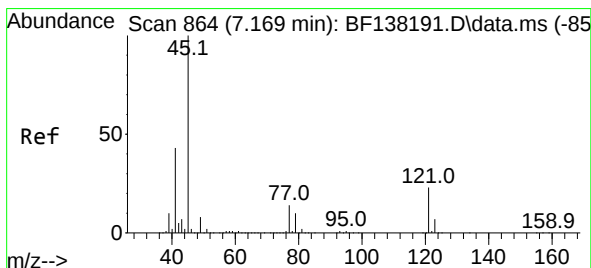
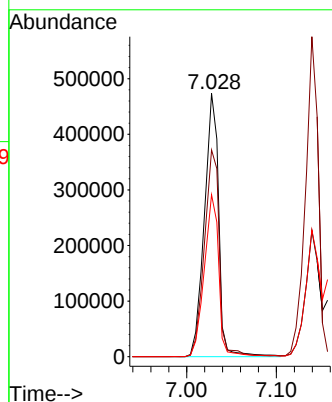
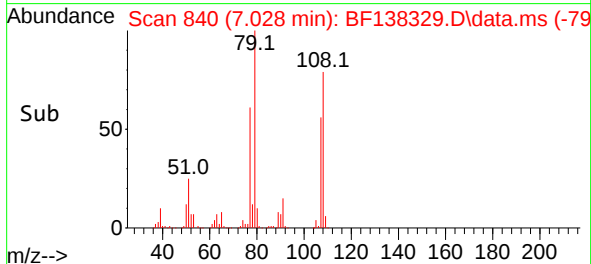
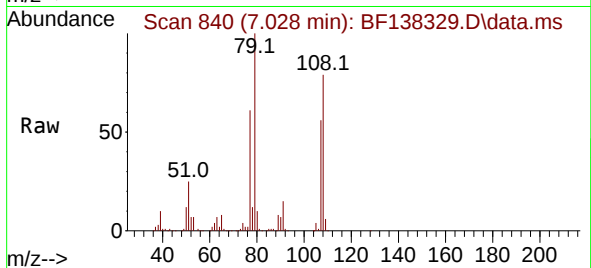
ClientSampleId :

PB161658BS

Tgt Ion: 79 Resp: 524560
Ion Ratio Lower Upper
79 100
108 78.5 65.9 98.9
77 61.5 50.3 75.5

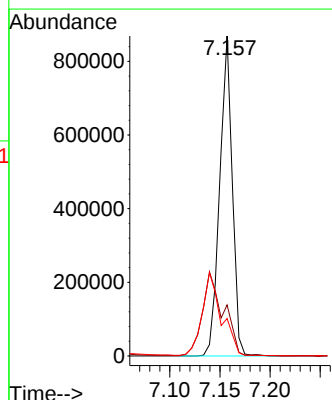
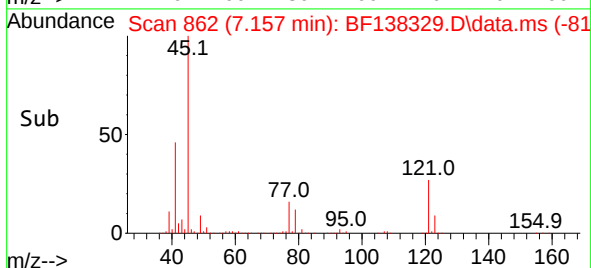
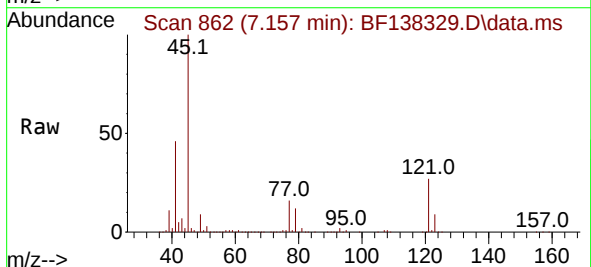
Manual Integrations
APPROVED

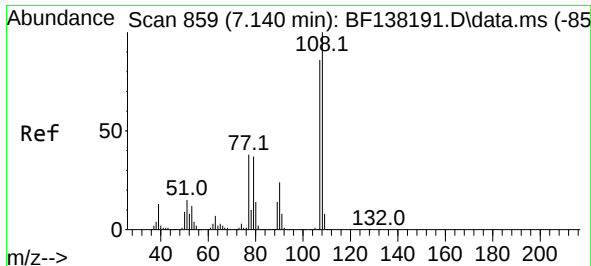
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.785 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion: 45 Resp: 755803
Ion Ratio Lower Upper
45 100
77 16.0 0.0 33.9
79 11.7 0.0 30.7





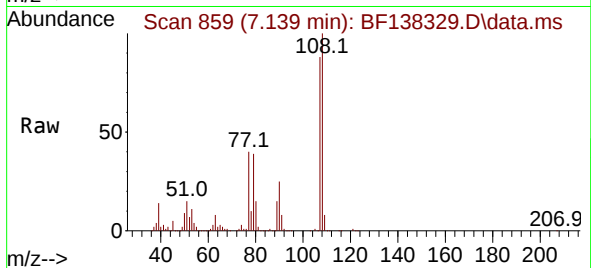
#17
2-Methylphenol
Concen: 43.801 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



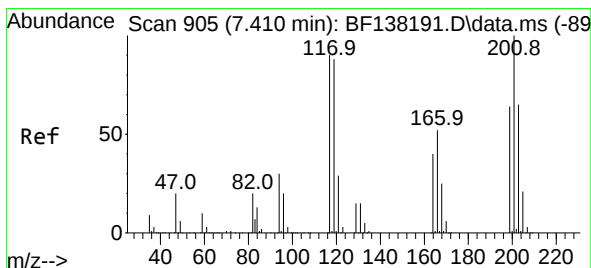
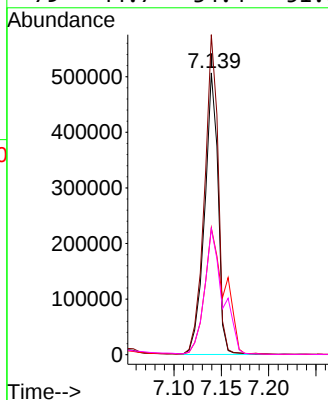
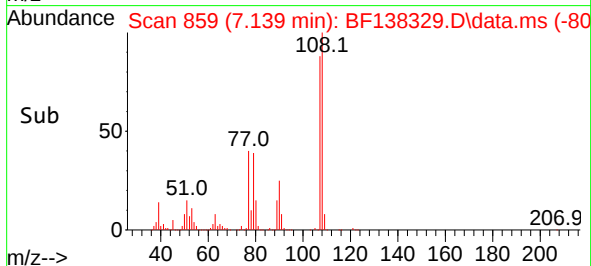
Tgt Ion:107 Resp: 500892
Ion Ratio Lower Upper
107 100
108 113.6 92.7 139.1
77 45.1 35.7 53.5
79 44.7 34.4 51.6

Manual Integrations

APPROVED

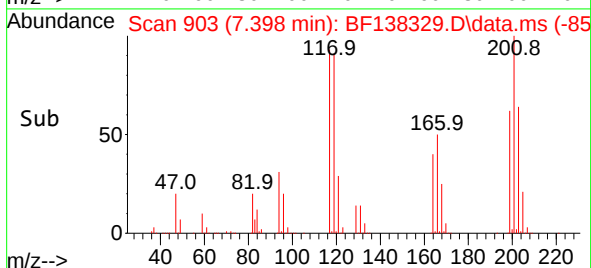
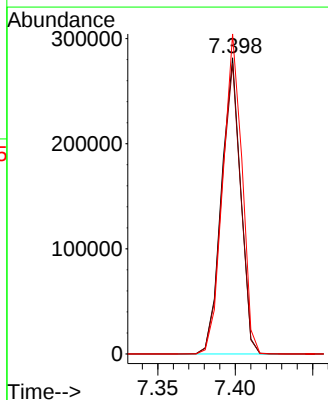
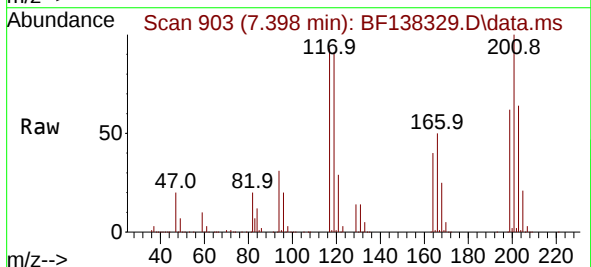
Reviewed By :Yogesh Patel 06/26/2024

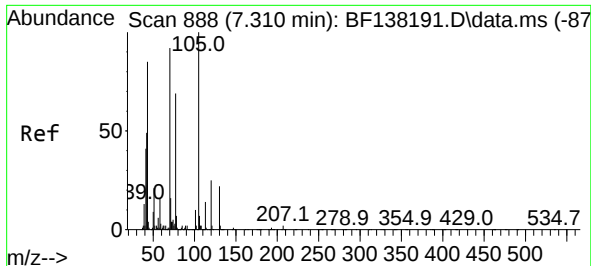
Supervised By :mohammad ahmed 06/27/2024



#18
Hexachloroethane
Concen: 42.959 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:117 Resp: 241253
Ion Ratio Lower Upper
117 100
119 98.0 78.4 117.6
201 108.0 89.0 133.6





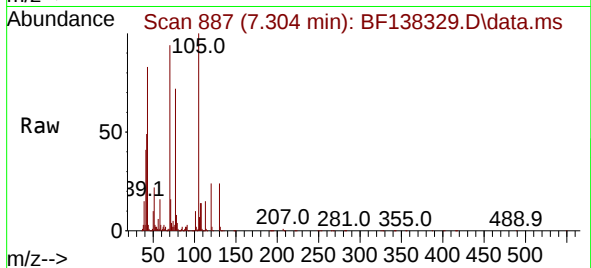
#19
n-Nitroso-di-n-propylamine
Concen: 41.702 ng
RT: 7.304 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



Tgt Ion: 70 Resp: 42022

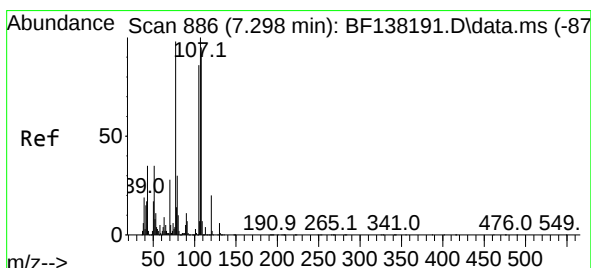
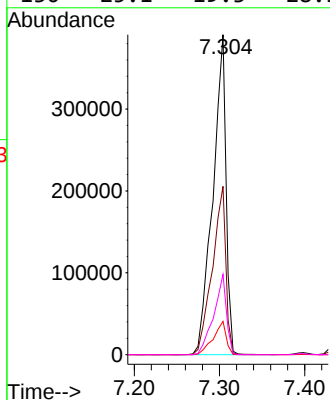
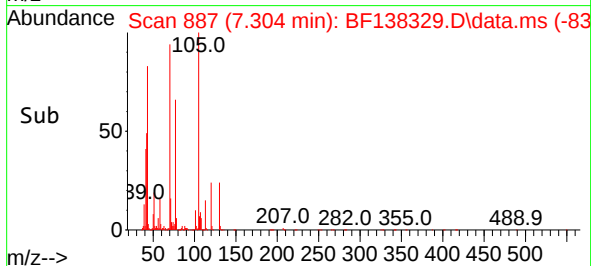
Ion	Ratio	Lower	Upper
70	100		
42	52.6	42.8	64.2
101	10.4	8.4	12.6
130	25.1	19.3	28.9

Manual Integrations

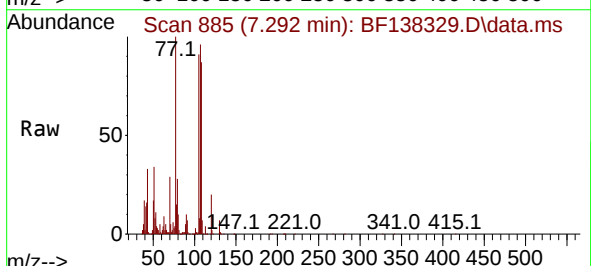
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024

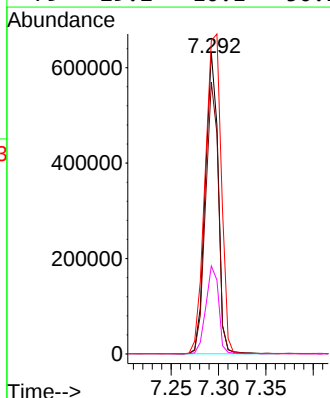
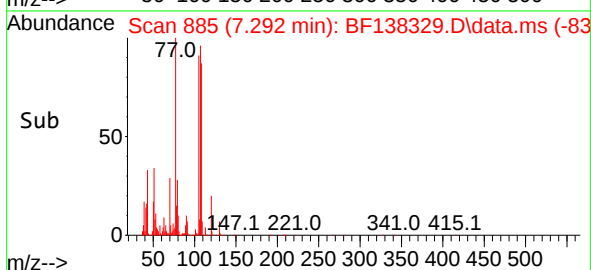


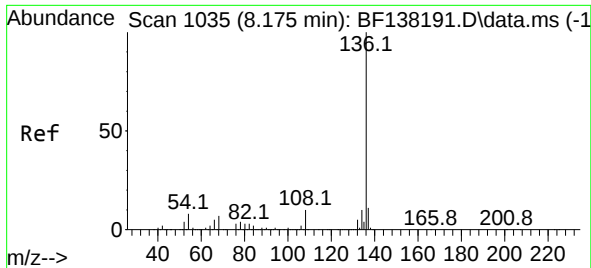
#20
3+4-Methylphenols
Concen: 41.129 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:107 Resp: 591997

Ion	Ratio	Lower	Upper
107	100		
108	90.2	74.9	114.9
77	103.9	78.2	118.2
79	29.2	10.1	50.1





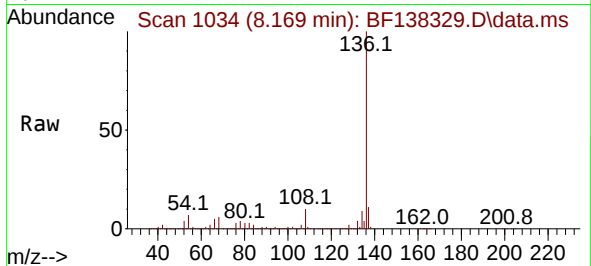
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

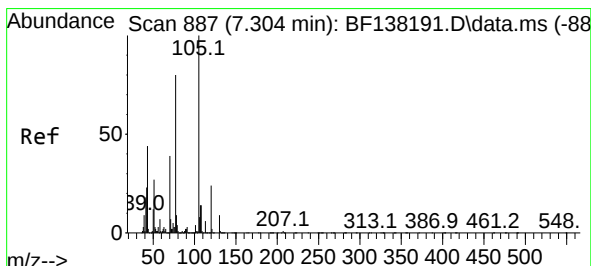
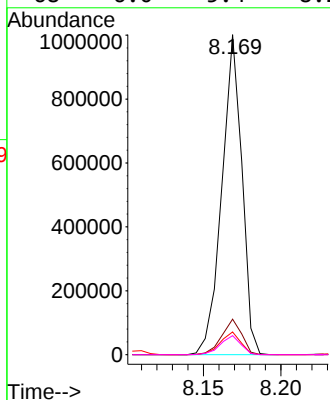
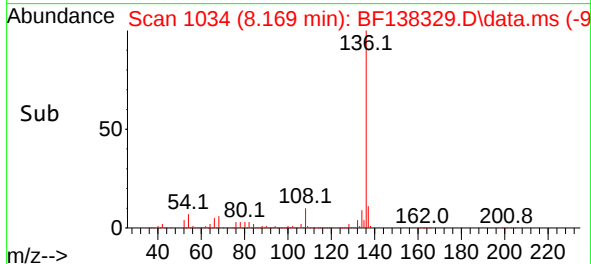


Tgt Ion:136 Resp: 901298
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.1 6.6 10.0
68 6.0 5.4 8.2

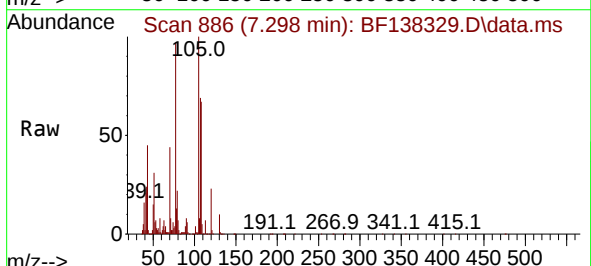
Manual Integrations

APPROVED

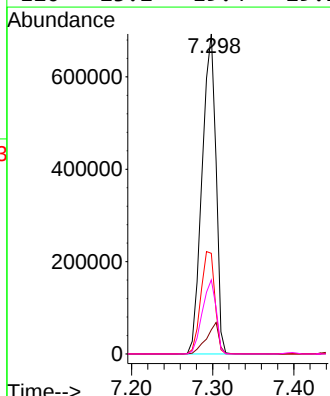
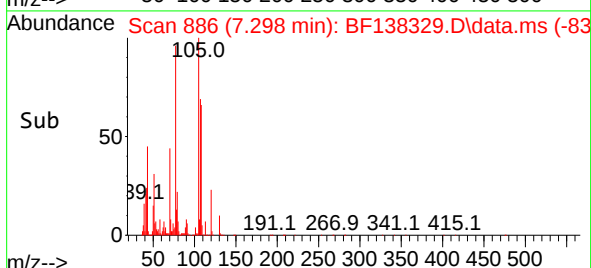
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Acetophenone
Concen: 39.888 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:105 Resp: 821256
Ion Ratio Lower Upper
105 100
71 7.5 5.4 8.2
51 31.5 21.4 32.0
120 23.2 19.4 29.2





#23
Nitrobenzene-d5
Concen: 80.271 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

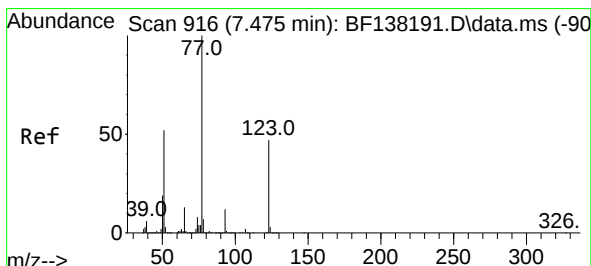
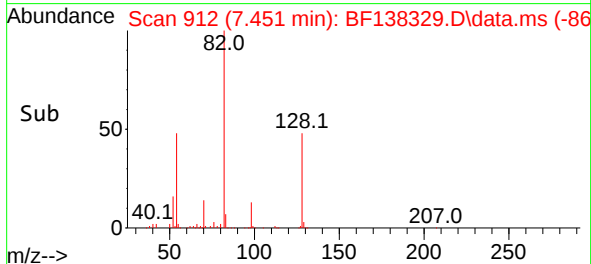
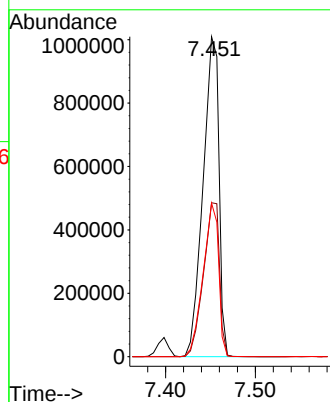
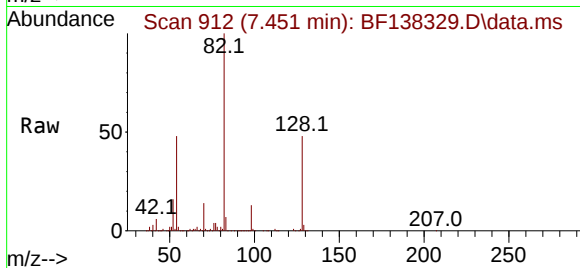
ClientSampleId :

PB161658BS

Tgt Ion: 82 Resp: 124274
Ion Ratio Lower Upper
82 100
128 48.1 37.2 55.8
54 48.0 39.8 59.6

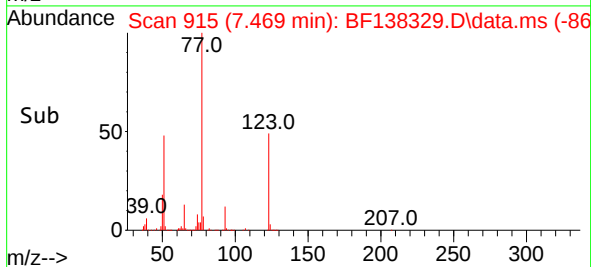
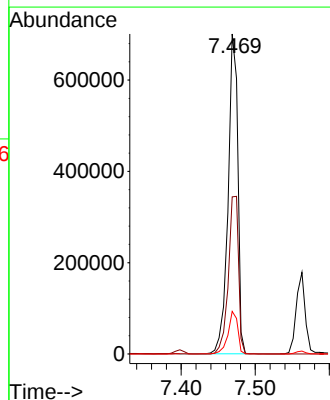
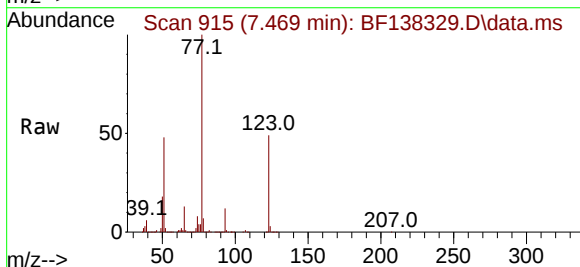
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Nitrobenzene
Concen: 40.047 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

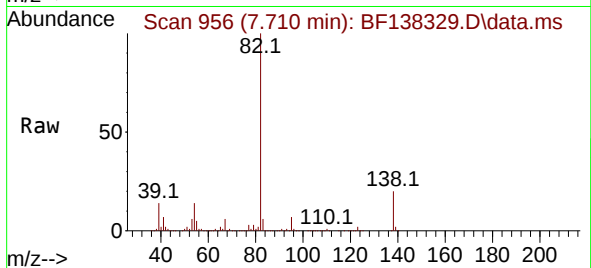
Tgt Ion: 77 Resp: 640797
Ion Ratio Lower Upper
77 100
123 49.1 37.3 55.9
65 13.3 10.6 15.8





#25
Isophorone
Concen: 41.847 ng
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

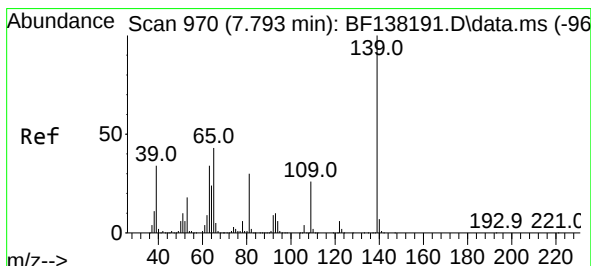
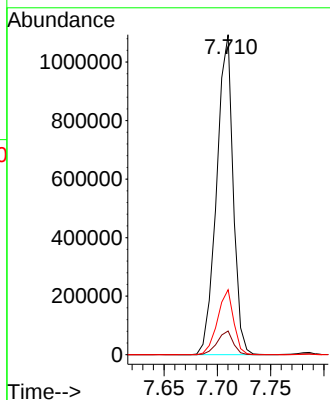
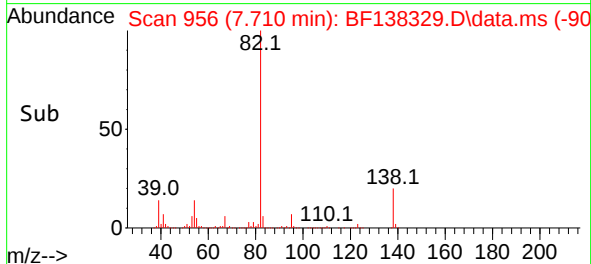
Instrument :
BNA_F
ClientSampleId :
PB161658BS



Tgt Ion: 82 Resp: 117186
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 20.3 16.4 24.6

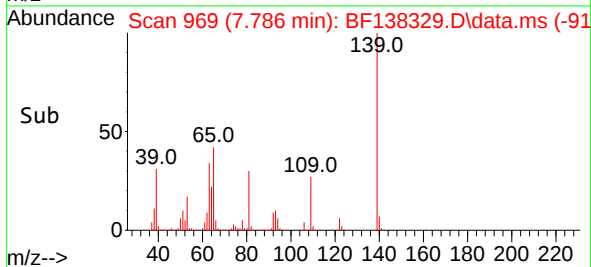
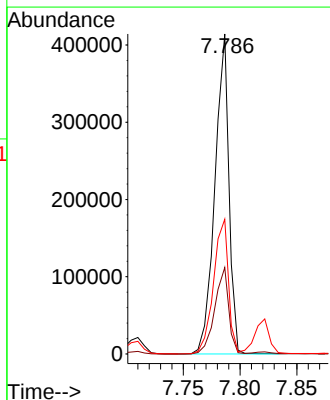
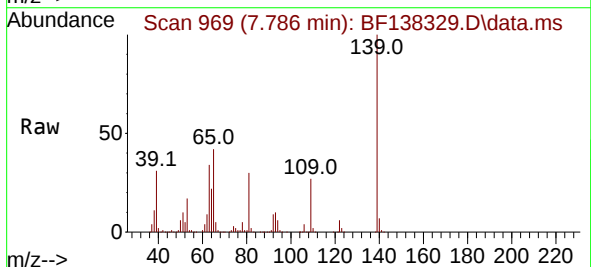
Manual Integrations
APPROVED

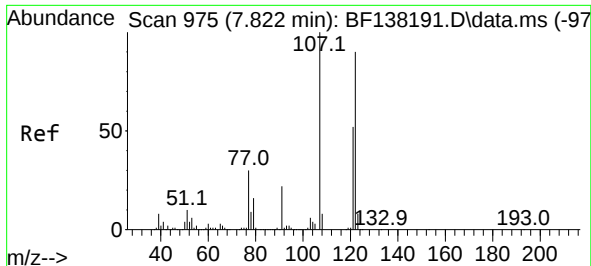
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#26
2-Nitrophenol
Concen: 55.473 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.007 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:139 Resp: 356926
Ion Ratio Lower Upper
139 100
109 27.0 20.7 31.1
65 42.1 34.5 51.7





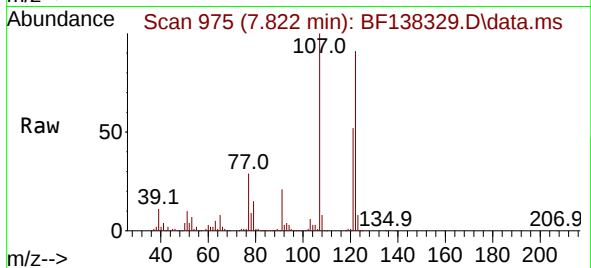
#27
2,4-Dimethylphenol
Concen: 45.822 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

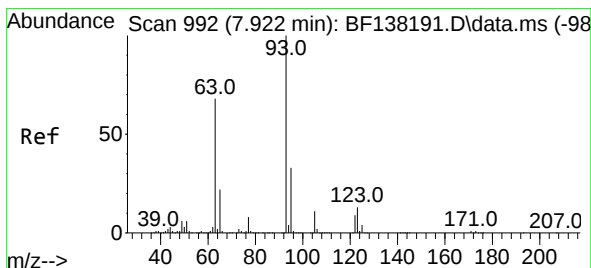
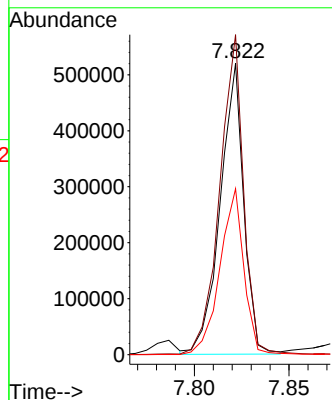
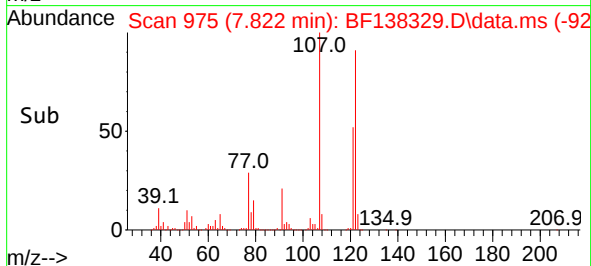


Tgt Ion:122 Resp: 448550
Ion Ratio Lower Upper
122 100
107 109.8 87.7 131.5
121 56.9 45.8 68.8

Manual Integrations

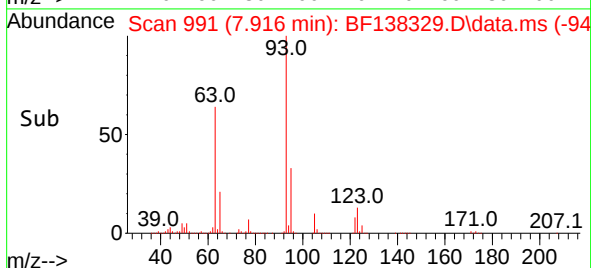
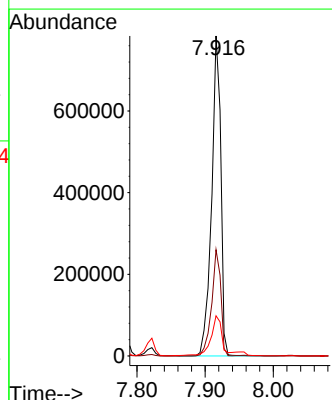
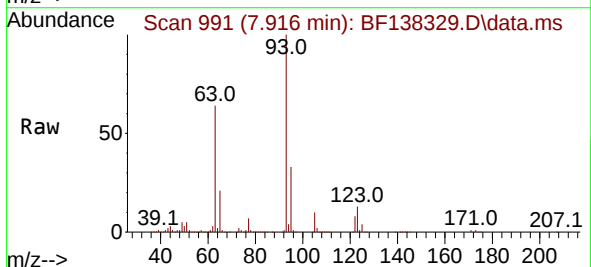
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.009 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion: 93 Resp: 736402
Ion Ratio Lower Upper
93 100
95 33.2 26.6 39.8
123 12.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.182 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

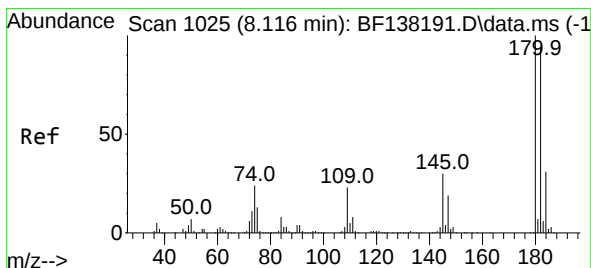
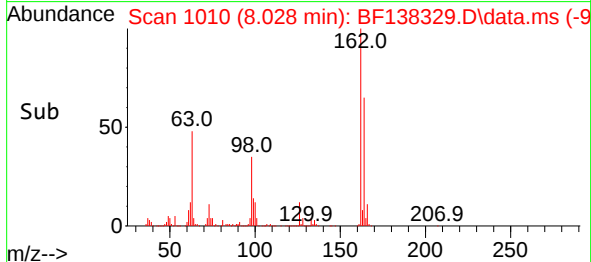
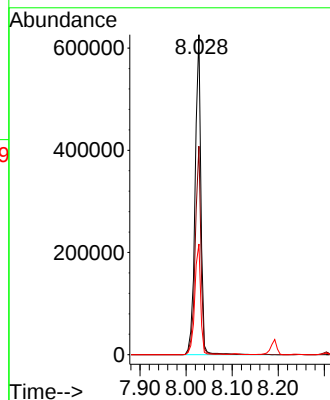
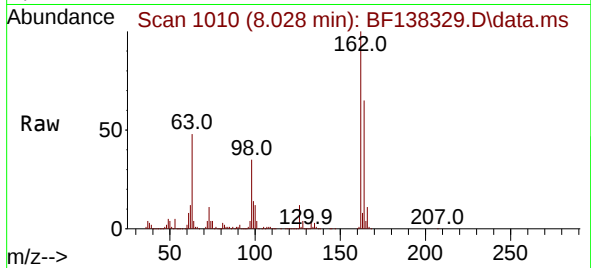
Tgt Ion:162 Resp: 54421
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.3 84.3
 98 34.6 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.888 ng

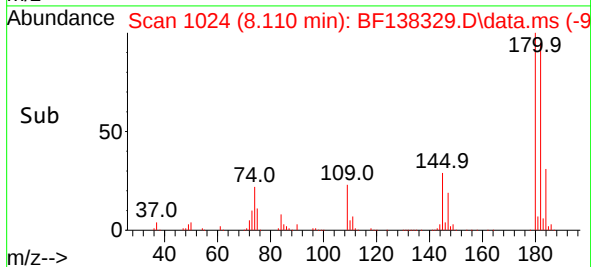
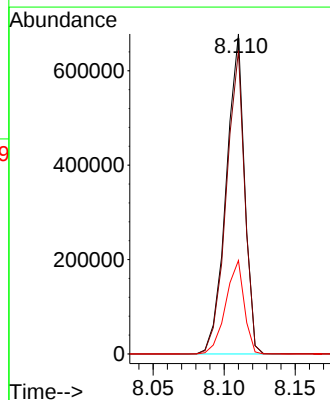
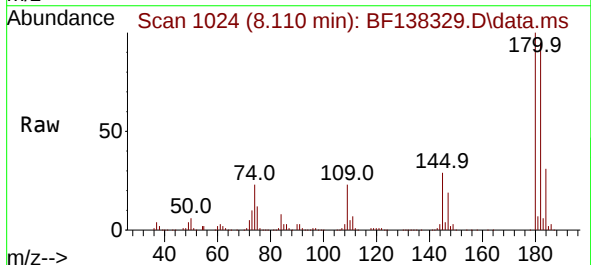
RT: 8.110 min Scan# 1024

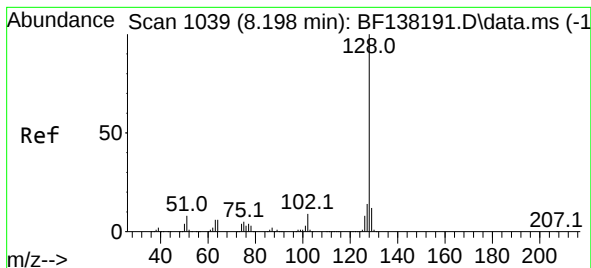
Delta R.T. -0.006 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

Tgt Ion:180 Resp: 607705
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.0 112.6
 145 29.2 23.8 35.6





#31

Naphthalene

Concen: 40.946 ng

RT: 8.192 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

Tgt Ion:128 Resp: 182483

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

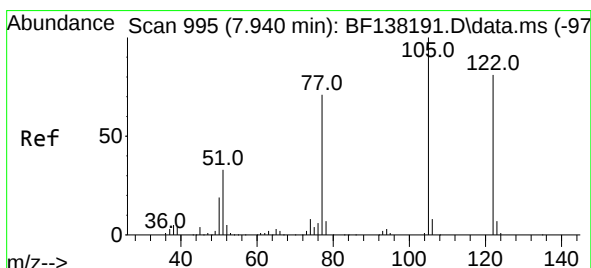
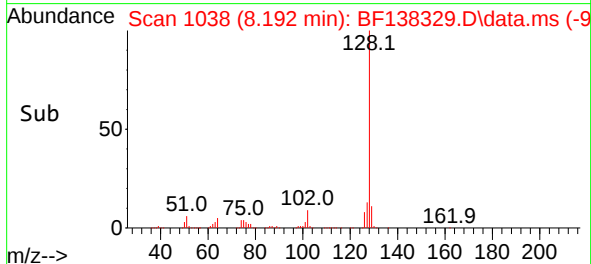
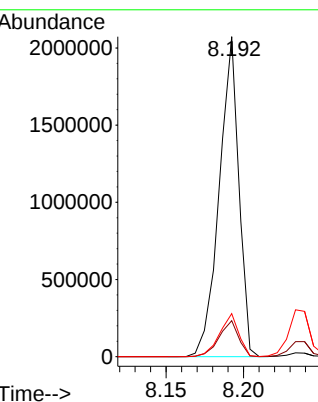
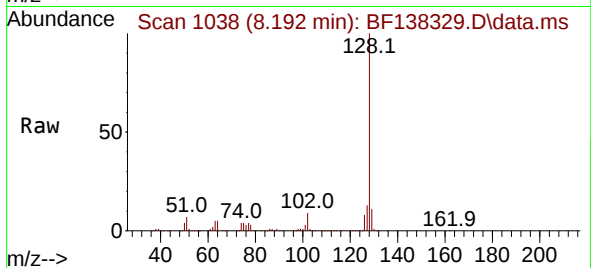
127 13.4 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#32

Benzoic acid

Concen: 46.542 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.017 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

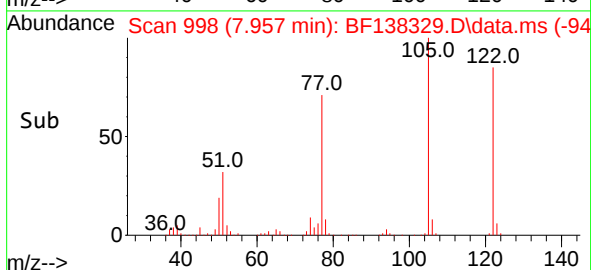
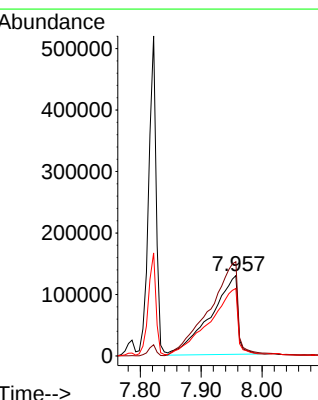
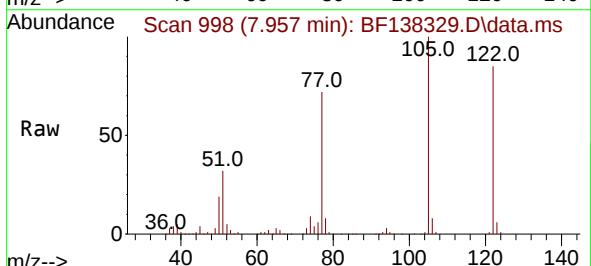
Tgt Ion:122 Resp: 401542

Ion Ratio Lower Upper

122 100

105 117.4 100.1 140.1

77 84.1 66.5 106.5





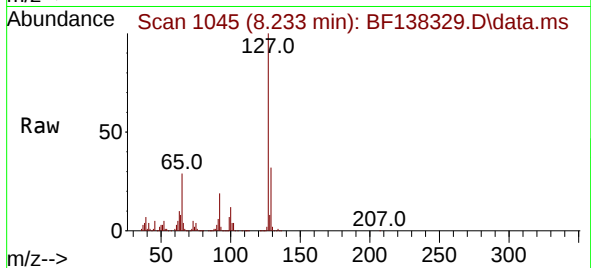
#33
4-Chloroaniline
Concen: 19.020 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

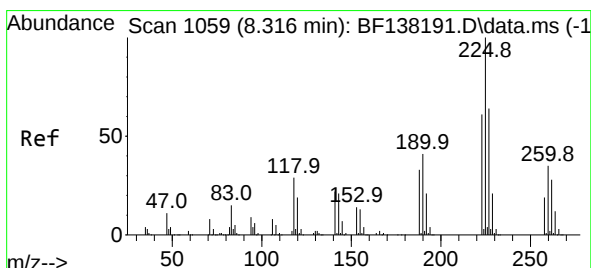
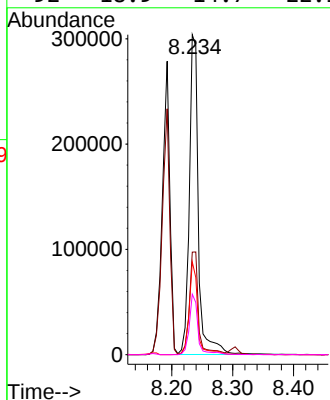
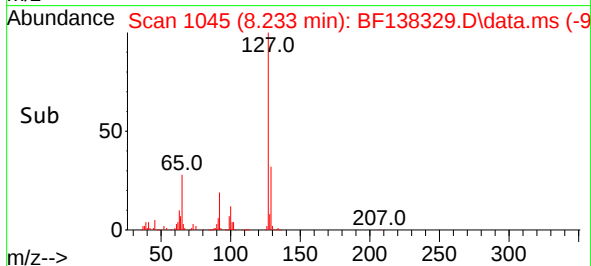


Tgt Ion:127 Resp: 316818
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1
65 29.0 23.6 35.4
92 18.9 14.7 22.1

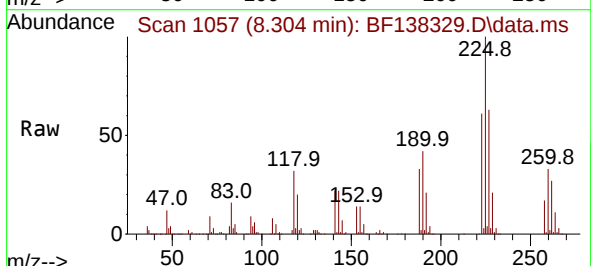
Manual Integrations

APPROVED

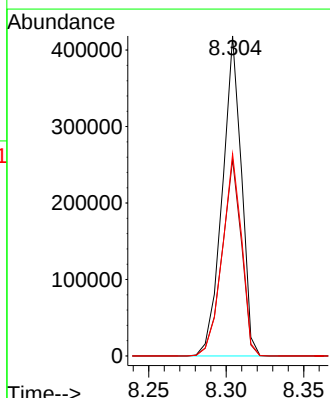
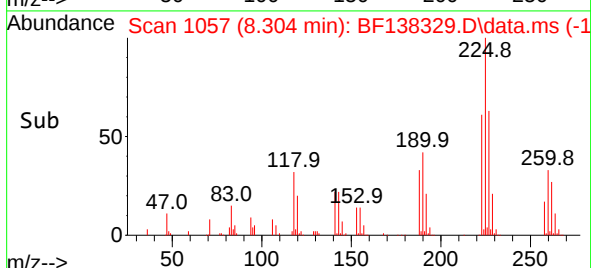
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

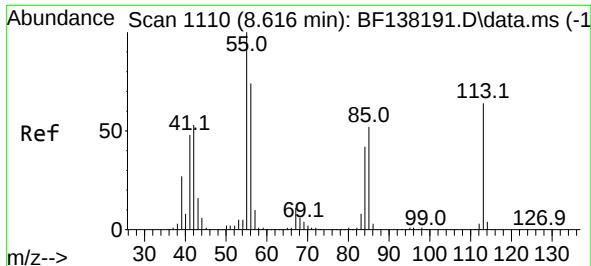


#34
Hexachlorobutadiene
Concen: 41.198 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:225 Resp: 358111
Ion Ratio Lower Upper
225 100
223 61.4 49.0 73.6
227 63.2 51.2 76.8





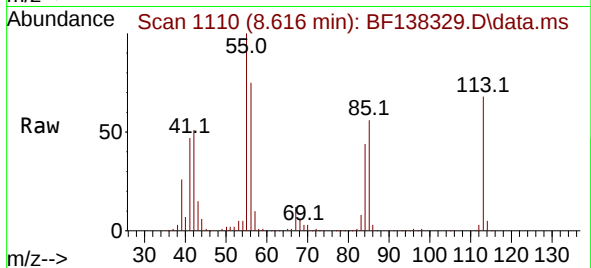
#35
Caprolactam
Concen: 46.175 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

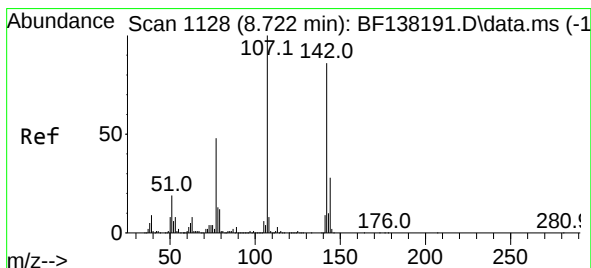
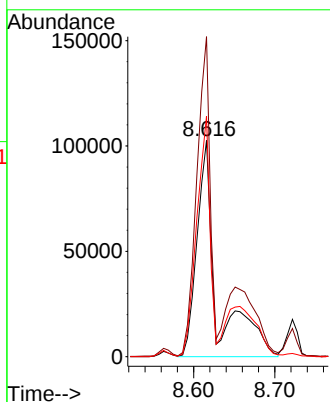
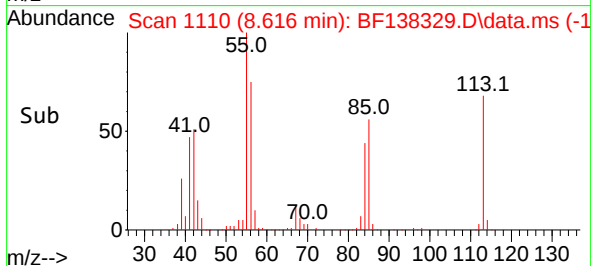
PB161658BS



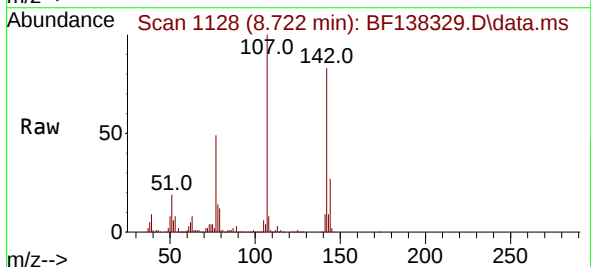
Tgt Ion:113 Resp: 17568
Ion Ratio Lower Upper
113 100
55 148.0 135.4 175.4
56 111.3 95.5 135.5

Manual Integrations
APPROVED

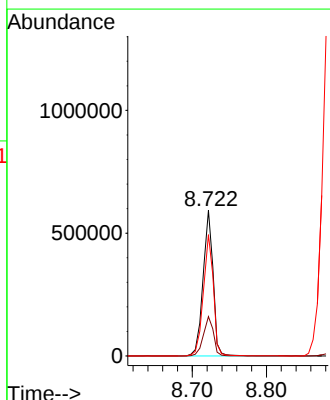
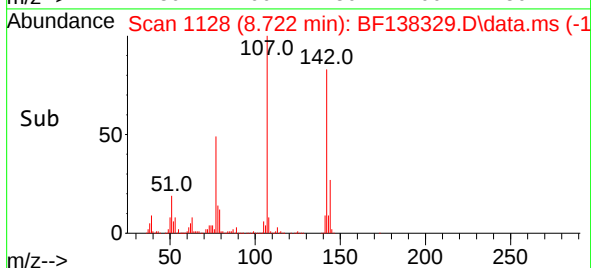
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

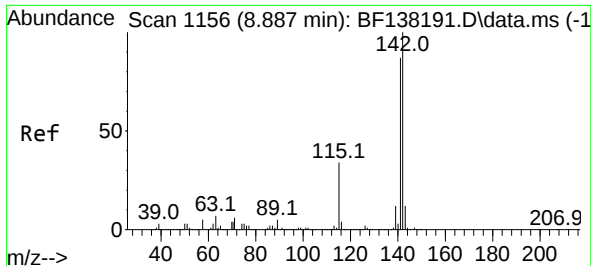


#36
4-Chloro-3-methylphenol
Concen: 44.597 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:107 Resp: 559608
Ion Ratio Lower Upper
107 100
144 27.0 22.6 34.0
142 83.3 69.0 103.4





#37
2-Methylnaphthalene
Concen: 41.555 ng
RT: 8.881 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

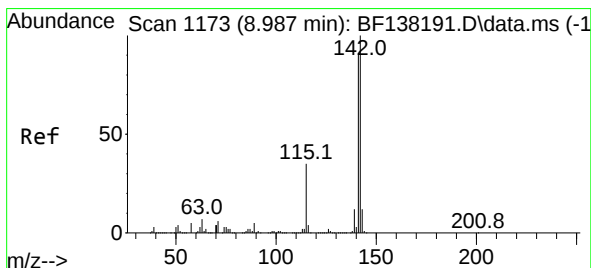
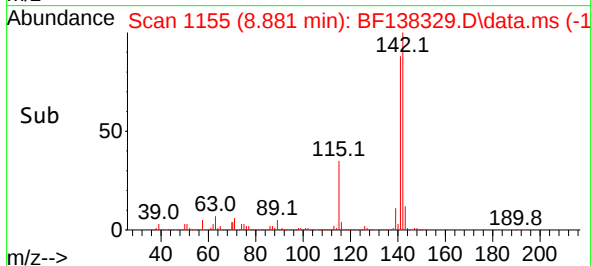
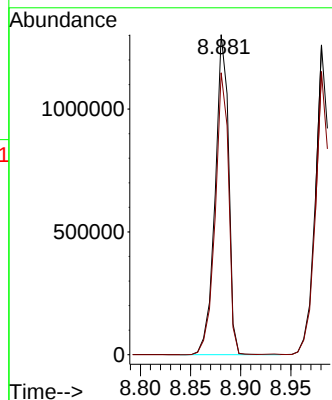
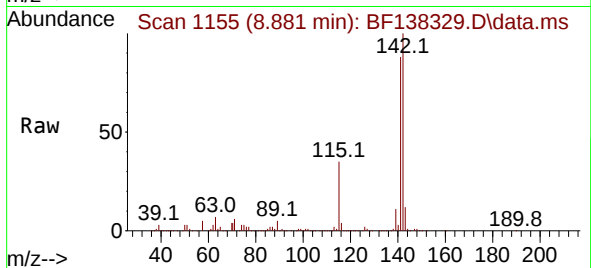
PB161658BS

Tgt Ion:142 Resp: 121545
Ion Ratio Lower Upper
142 100
141 88.1 69.9 104.9

Manual Integrations

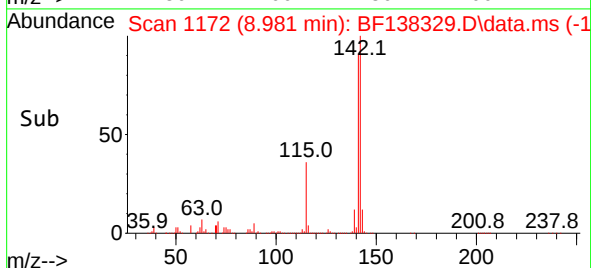
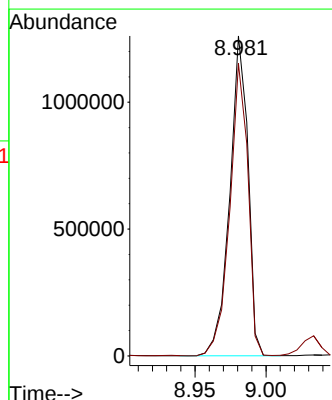
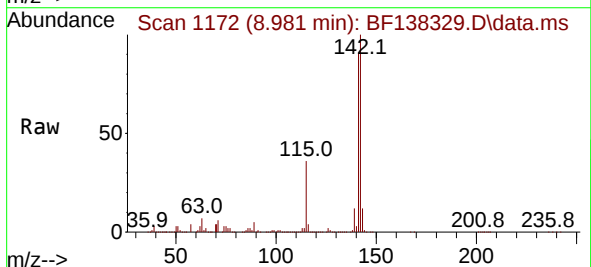
APPROVED

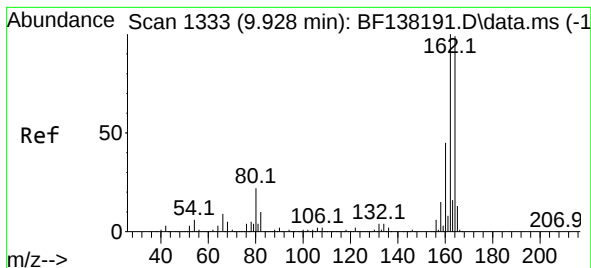
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#38
1-Methylnaphthalene
Concen: 39.333 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:142 Resp: 1127399
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF138329.D

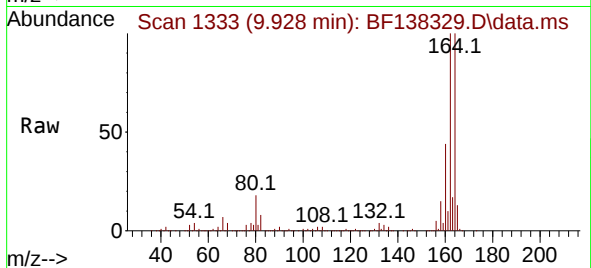
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



Tgt Ion:164 Resp: 50188

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

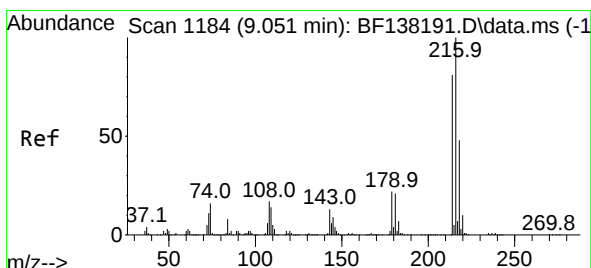
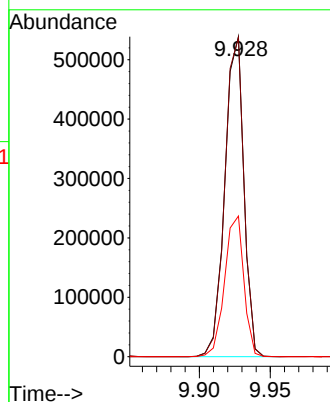
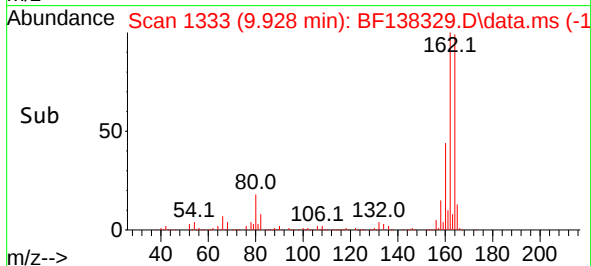
160 43.9 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.829 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

Tgt Ion:216 Resp: 613460

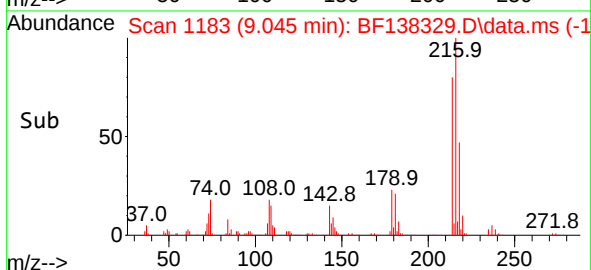
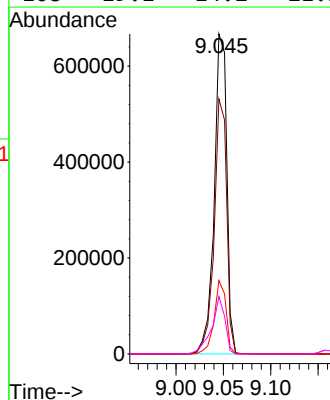
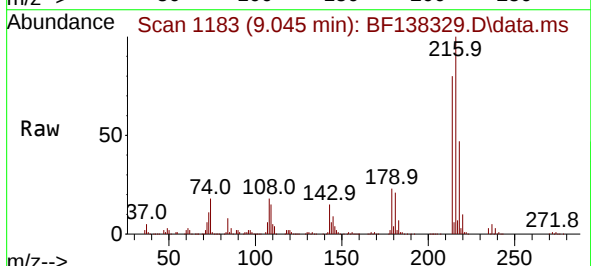
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 21.7 16.9 25.3

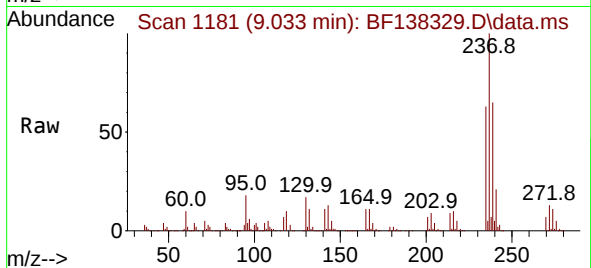
108 19.1 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 128.166 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

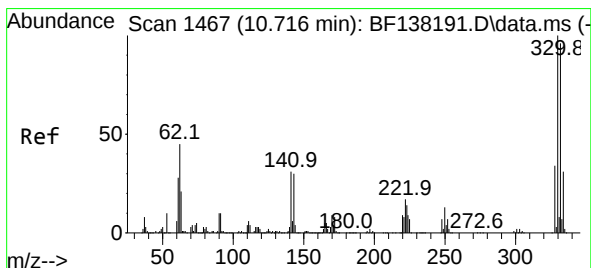
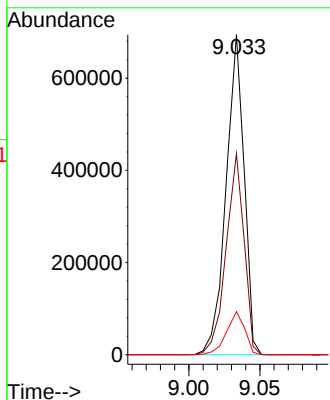
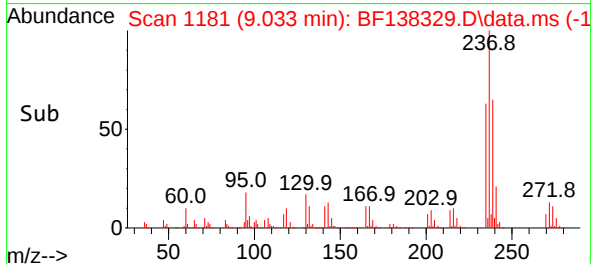
Instrument :
BNA_F
ClientSampleId :
PB161658BS



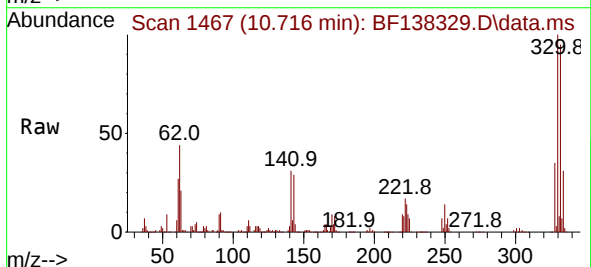
Tgt Ion:237 Resp: 61290
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 13.5 0.0 34.0

Manual Integrations
APPROVED

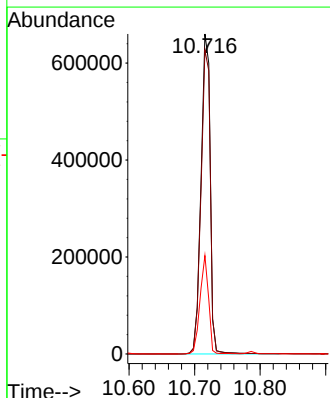
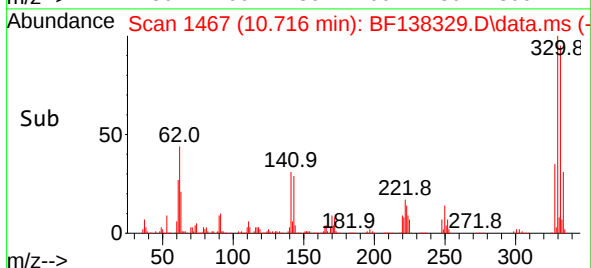
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

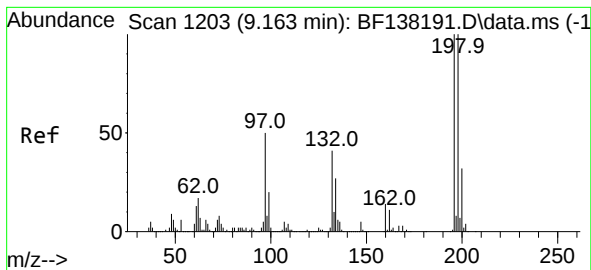


#42
2,4,6-Tribromophenol
Concen: 129.431 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:330 Resp: 646686
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 28.6 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 44.929 ng
RT: 9.163 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

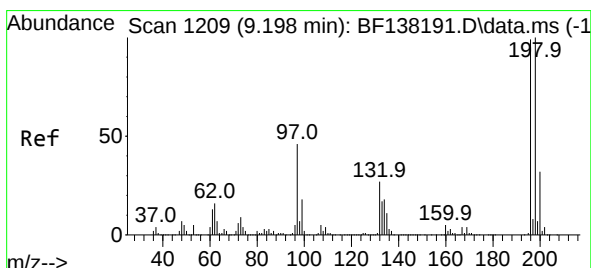
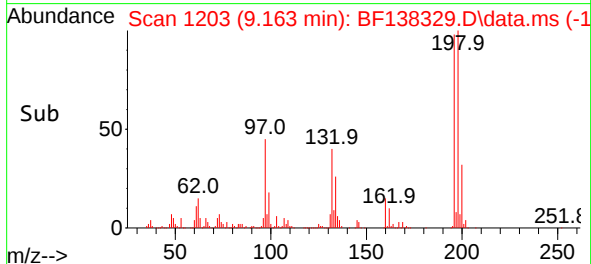
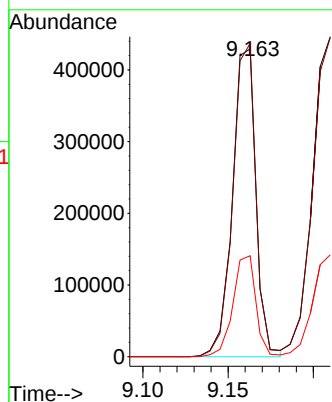
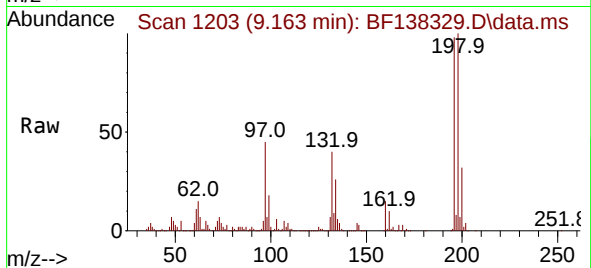
PB161658BS

Tgt Ion:196 Resp: 41258
Ion Ratio Lower Upper
196 100
198 101.8 79.8 119.6
200 32.8 25.9 38.9

Manual Integrations

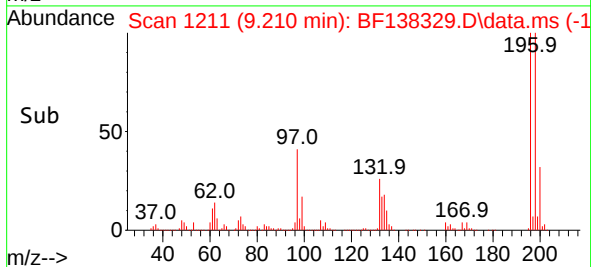
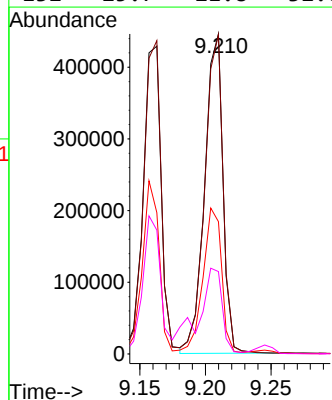
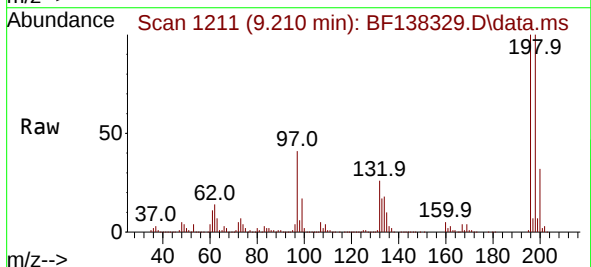
APPROVED

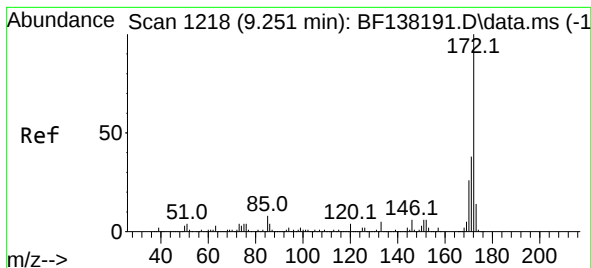
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#44
2,4,5-Trichlorophenol
Concen: 43.173 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:196 Resp: 435382
Ion Ratio Lower Upper
196 100
198 99.8 80.4 120.6
97 41.3 37.4 56.2
132 25.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 76.447 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

Tgt Ion:172 Resp: 241284

Ion Ratio Lower Upper

172 100

171 36.5 30.3 45.5

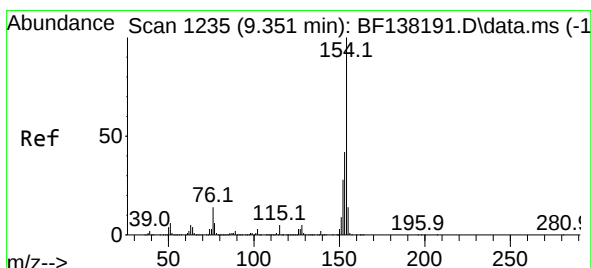
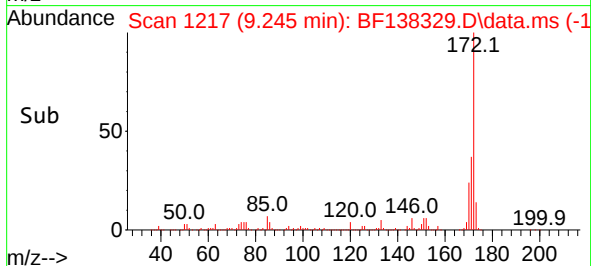
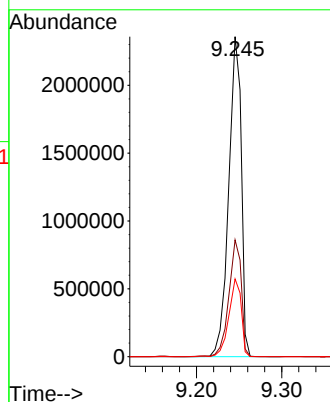
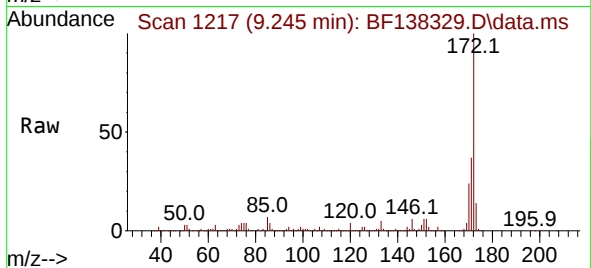
170 24.3 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#46

1,1'-Biphenyl

Concen: 41.053 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

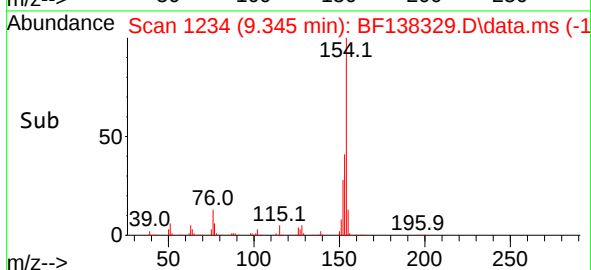
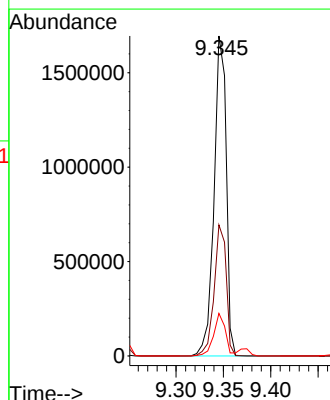
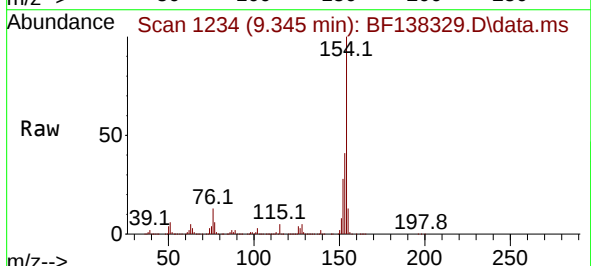
Tgt Ion:154 Resp: 1511868

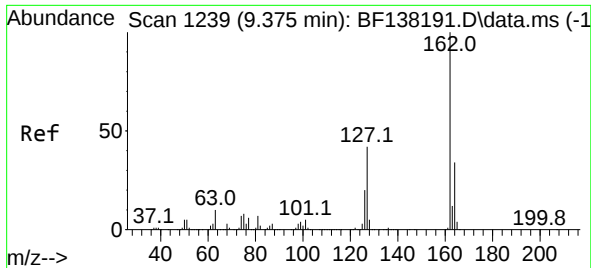
Ion Ratio Lower Upper

154 100

153 41.0 22.1 62.1

76 13.3 0.0 34.3





#47

2-Chloronaphthalene

Concen: 40.371 ng

RT: 9.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

Tgt Ion:162 Resp: 1175000

Ion Ratio Lower Upper

162 100

127 39.4 33.6 50.4

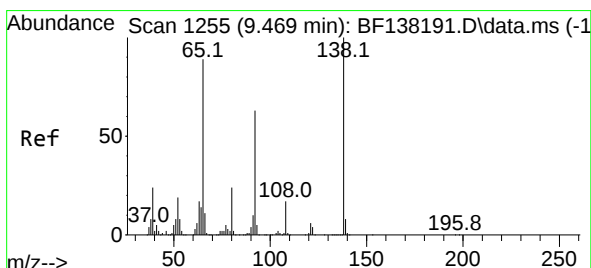
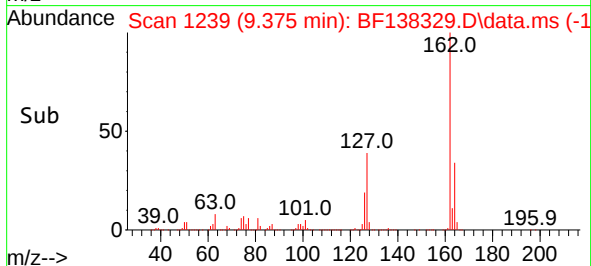
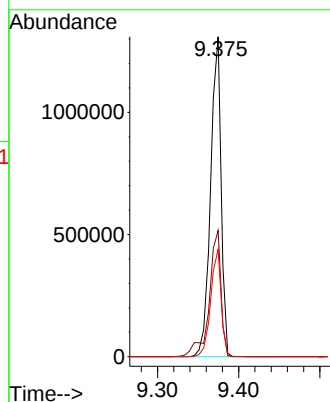
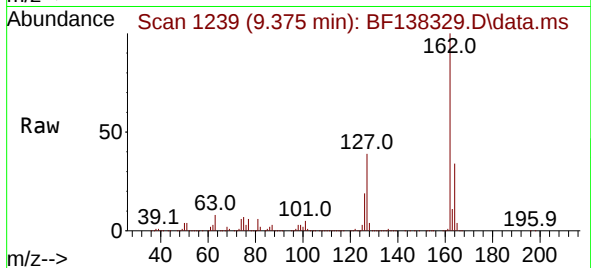
164 33.5 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#48

2-Nitroaniline

Concen: 47.609 ng

RT: 9.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

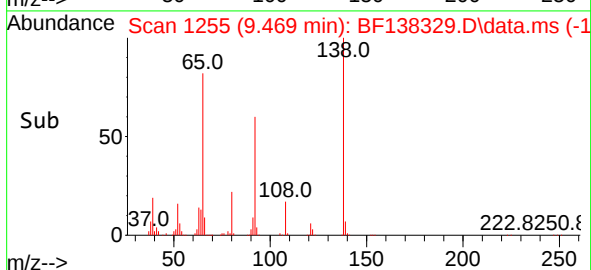
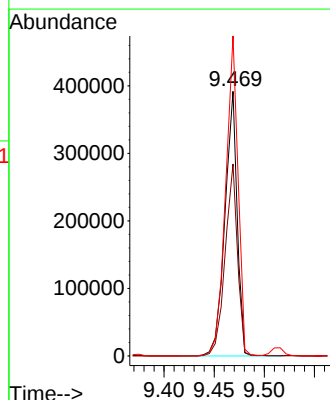
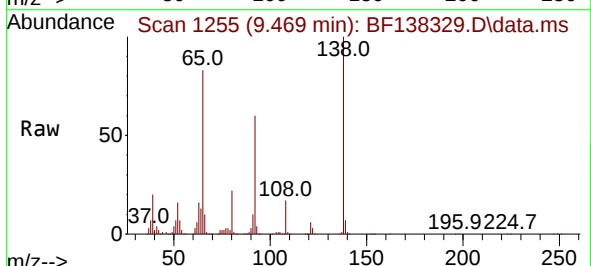
Tgt Ion: 65 Resp: 333702

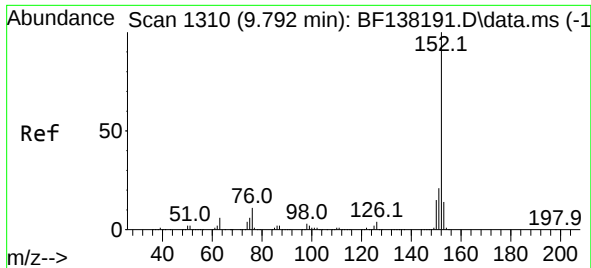
Ion Ratio Lower Upper

65 100

92 72.6 56.6 85.0

138 120.9 90.1 135.1





#49
Acenaphthylene
Concen: 44.433 ng
RT: 9.786 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

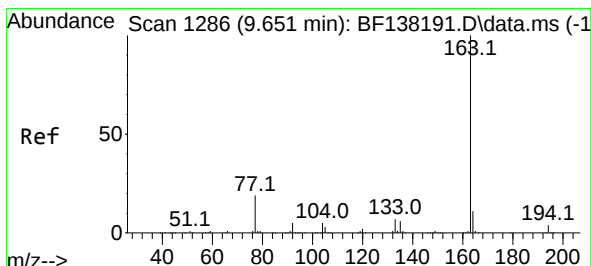
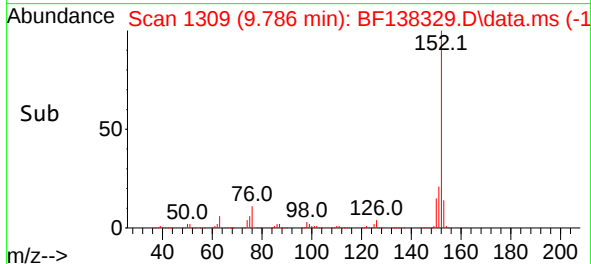
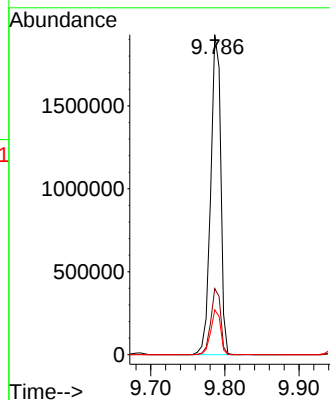
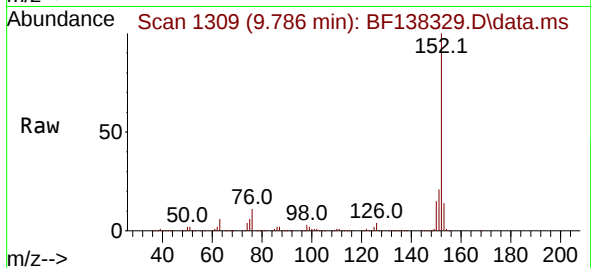
PB161658BS

Tgt Ion:152 Resp: 181341
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.0 11.4 17.0

Manual Integrations

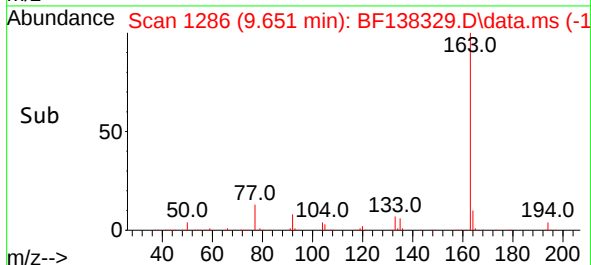
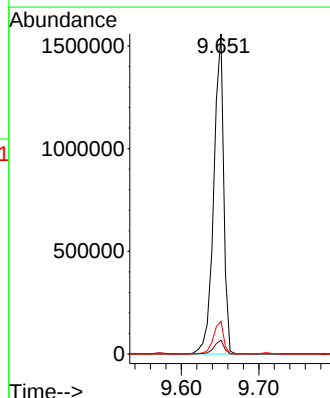
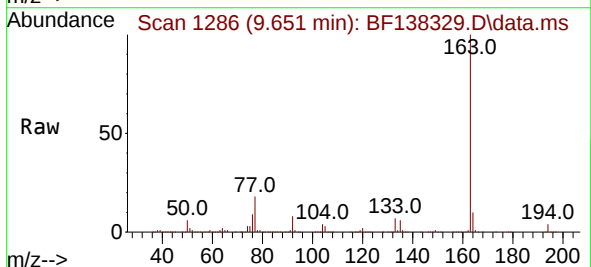
APPROVED

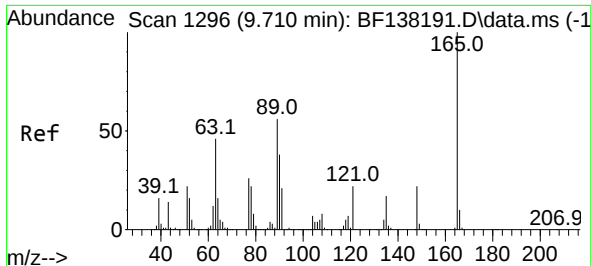
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#50
Dimethylphthalate
Concen: 45.127 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:163 Resp: 1387677
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.5 12.7





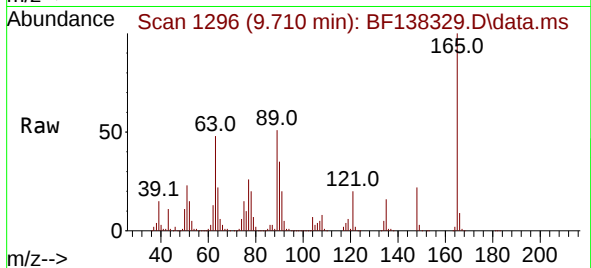
#51
2,6-Dinitrotoluene
Concen: 48.202 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

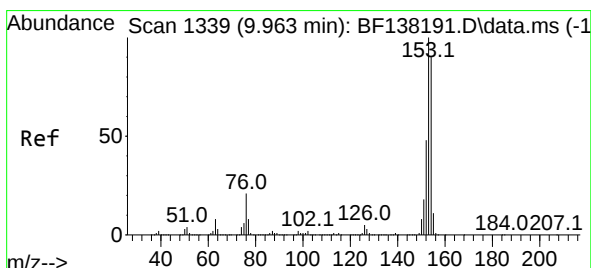
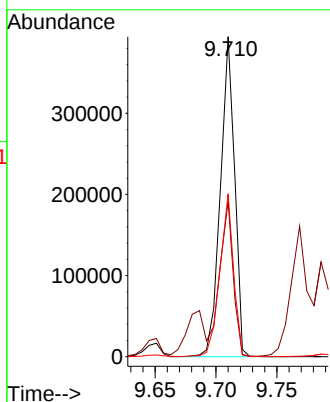
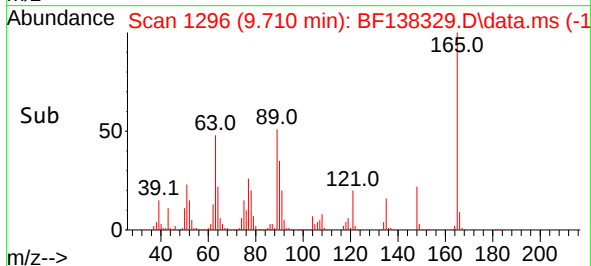


Tgt Ion:165 Resp: 321562
Ion Ratio Lower Upper
165 100
63 48.5 43.7 65.5
89 50.9 44.9 67.3

Manual Integrations

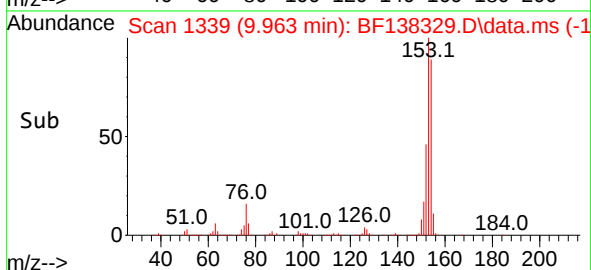
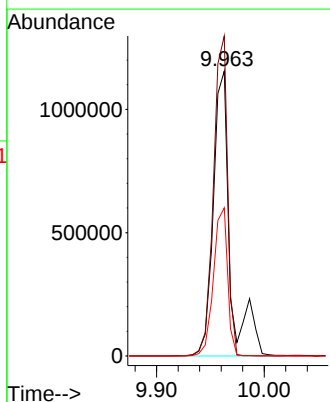
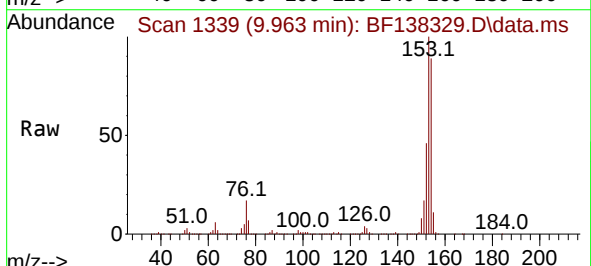
APPROVED

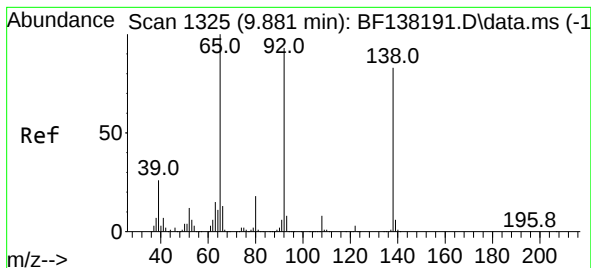
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#52
Acenaphthene
Concen: 44.954 ng m
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:154 Resp: 1251083
Ion Ratio Lower Upper
154 100
153 112.3 89.1 133.7
152 52.0 42.4 63.6





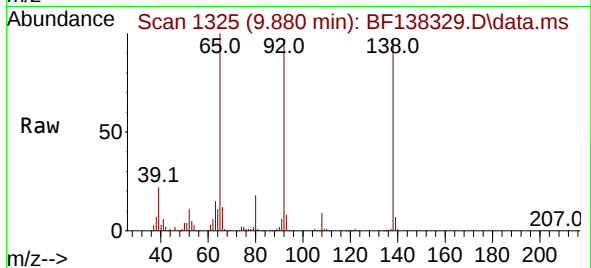
#53
3-Nitroaniline
Concen: 29.819 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



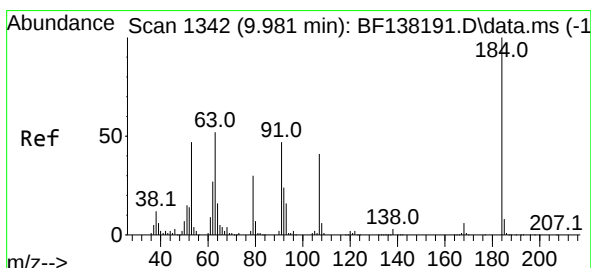
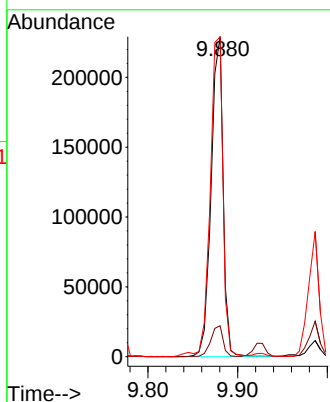
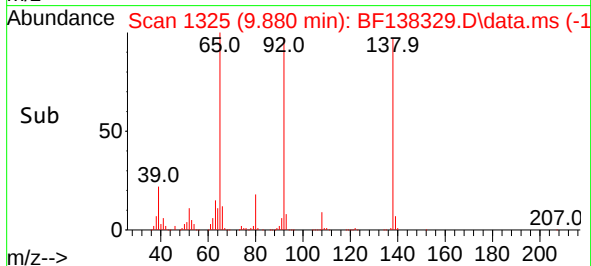
Tgt Ion:138 Resp: 21251
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.2
92 100.0 90.0 135.0

Manual Integrations

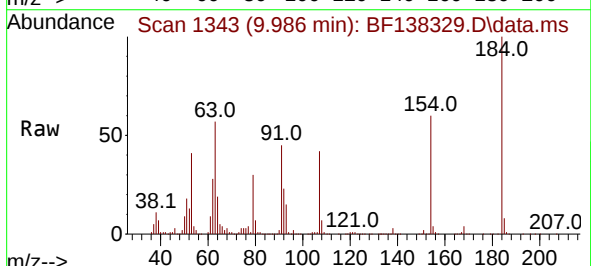
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

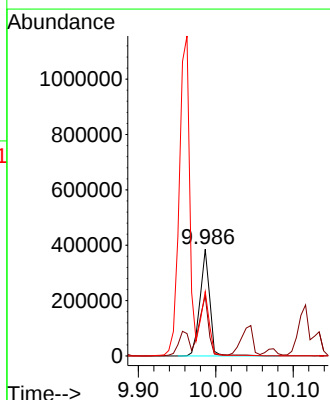
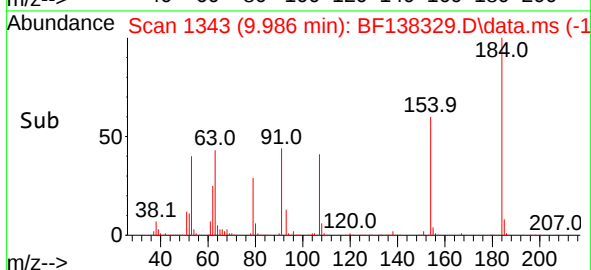
Supervised By :mohammad ahmed 06/27/2024

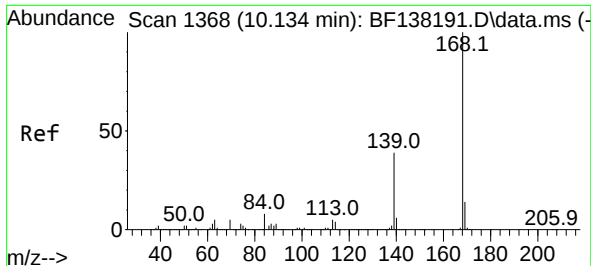


#54
2,4-Dinitrophenol
Concen: 93.739 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:184 Resp: 338691
Ion Ratio Lower Upper
184 100
63 56.6 49.2 73.8
154 60.3 46.7 70.1





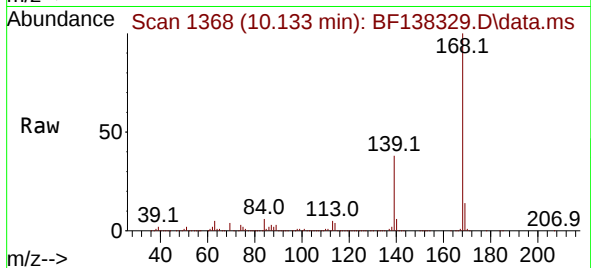
#55
Dibenzenofuran
Concen: 41.401 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

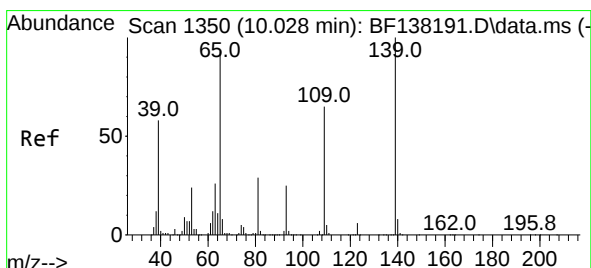
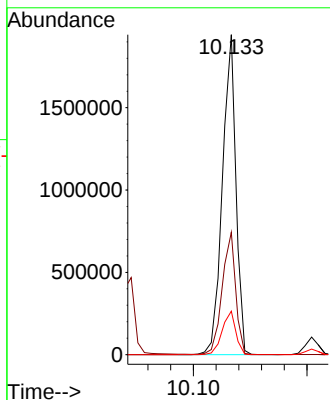
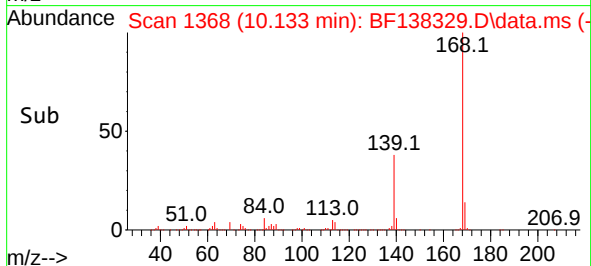


Tgt Ion:168 Resp: 1610704
Ion Ratio Lower Upper
168 100
139 38.3 31.0 46.4
169 13.6 11.4 17.0

Manual Integrations

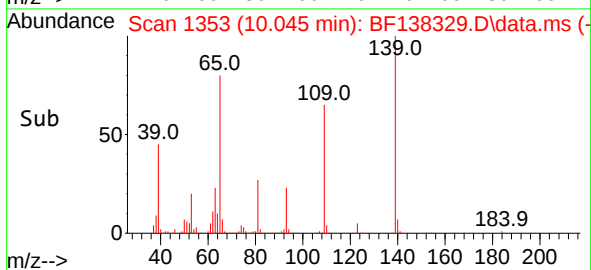
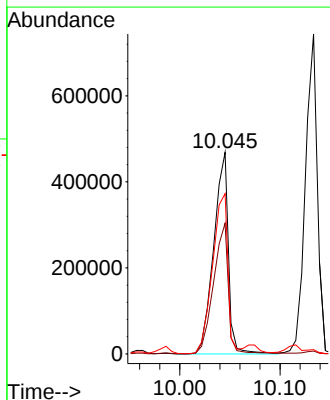
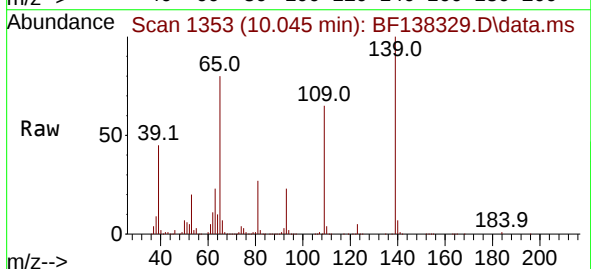
APPROVED

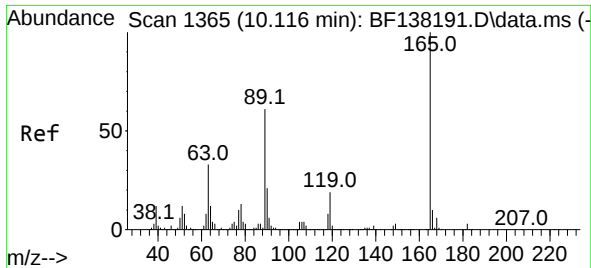
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#56
4-Nitrophenol
Concen: 84.674 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:139 Resp: 476871
Ion Ratio Lower Upper
139 100
109 64.8 44.6 84.6
65 79.6 73.1 113.1





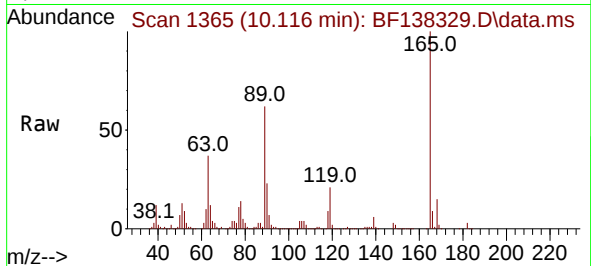
#57
2,4-Dinitrotoluene
Concen: 51.016 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

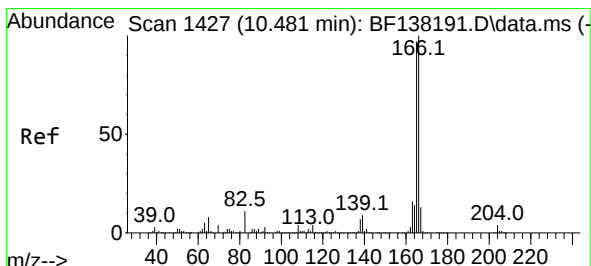
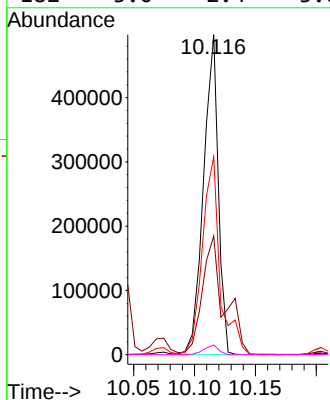
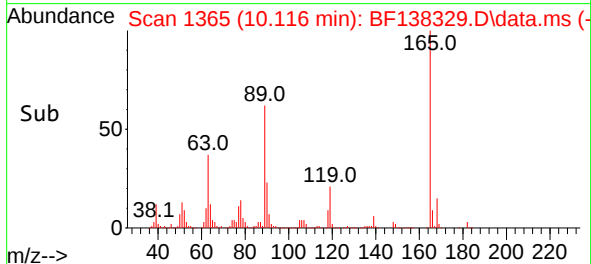


Tgt Ion:165 Resp: 41977
Ion Ratio Lower Upper
165 100
63 37.1 26.6 39.8
89 61.9 48.7 73.1
182 3.0 2.4 3.6

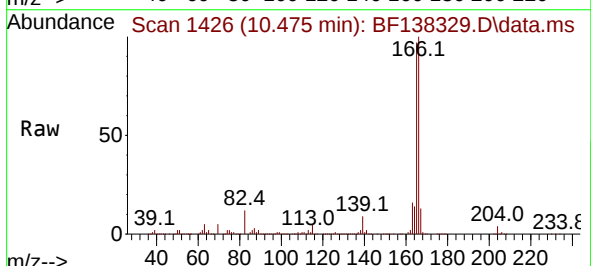
Manual Integrations

APPROVED

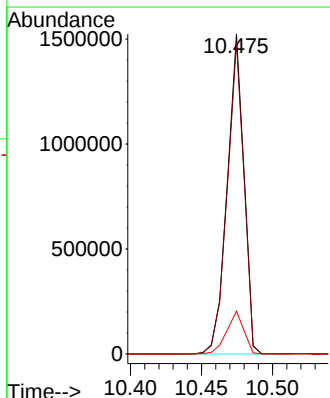
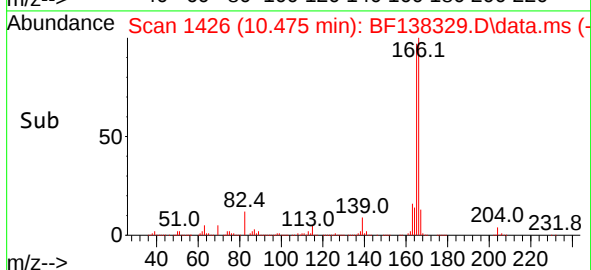
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

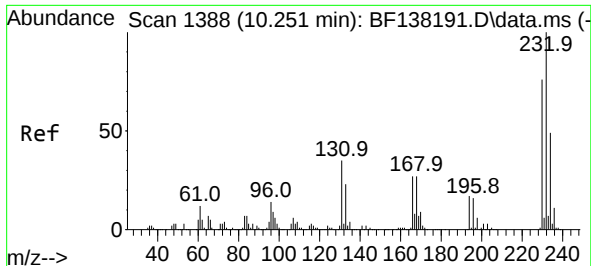


#58
Fluorene
Concen: 40.845 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:166 Resp: 1249407
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 13.4 10.7 16.1





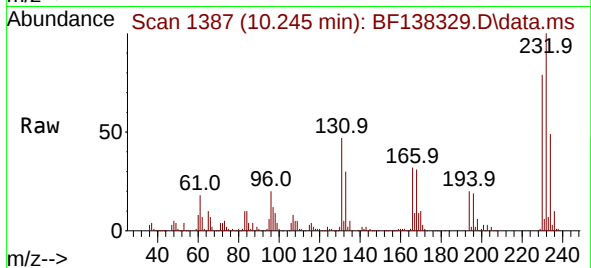
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.349 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



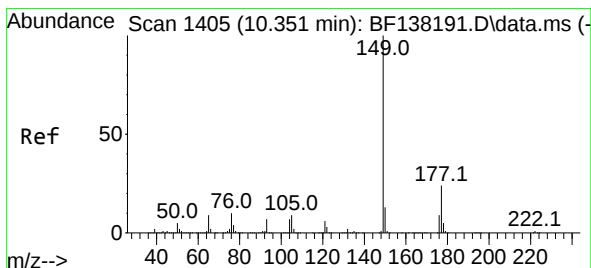
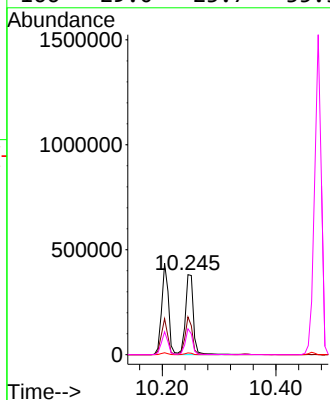
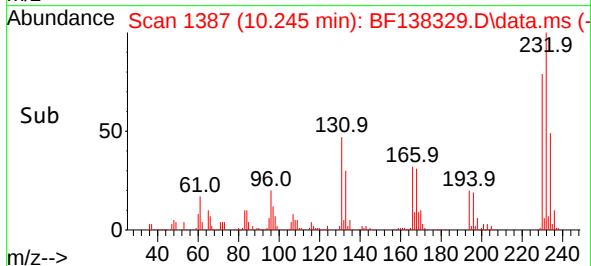
Tgt Ion:232 Resp: 365291
Ion Ratio Lower Upper
232 100
131 42.2 33.6 50.4
130 2.1 1.7 2.5
166 29.0 23.7 35.5

Manual Integrations

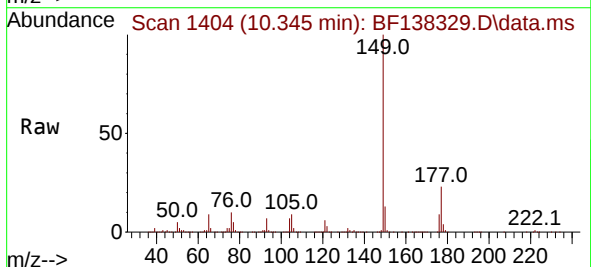
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

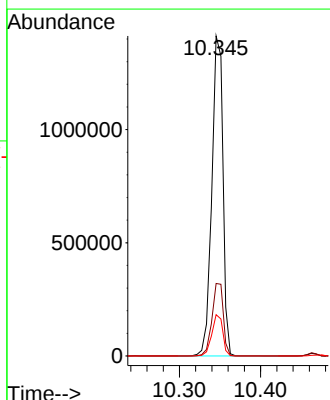
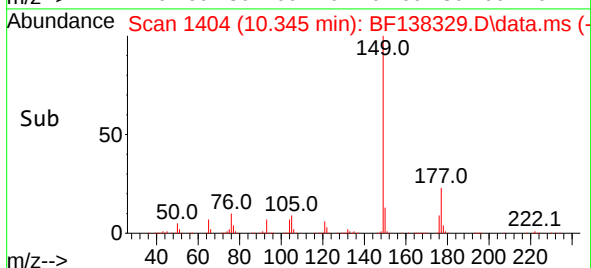
Supervised By :mohammad ahmed 06/27/2024

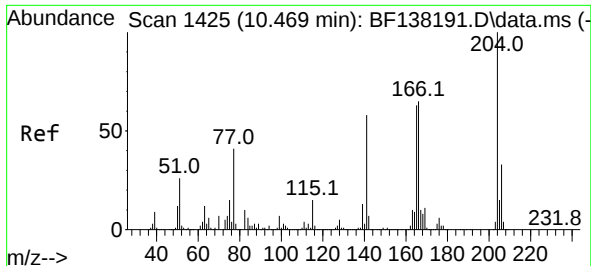


#60
Diethylphthalate
Concen: 45.925 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



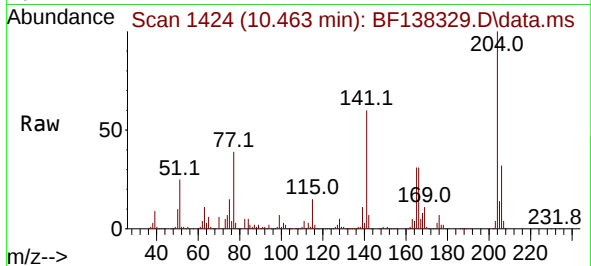
Tgt Ion:149 Resp: 1340349
Ion Ratio Lower Upper
149 100
177 22.7 19.4 29.0
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.619 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

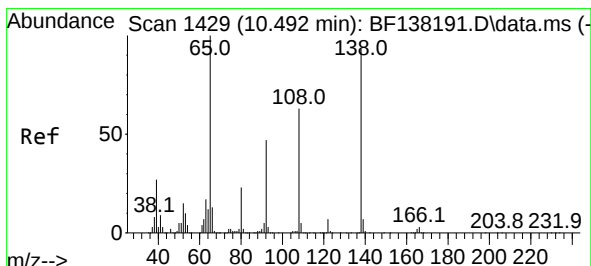
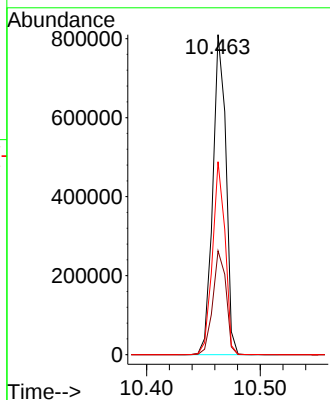
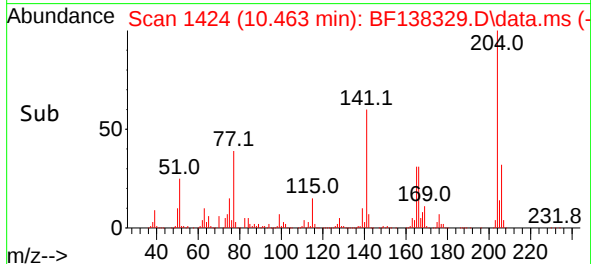
Instrument :
BNA_F
ClientSampleId :
PB161658BS



Tgt Ion:204 Resp: 64927
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 60.3 46.3 69.5

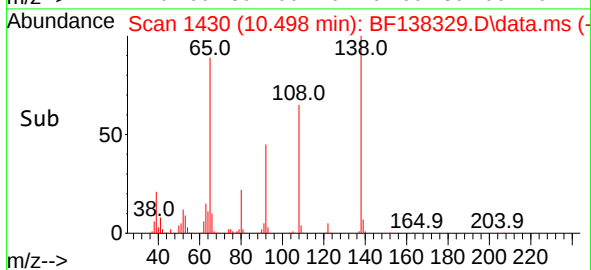
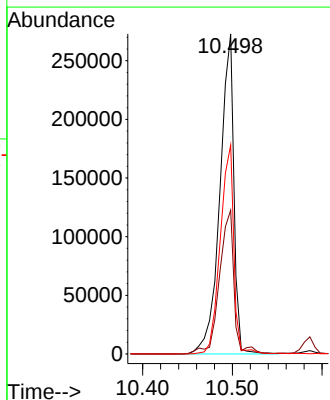
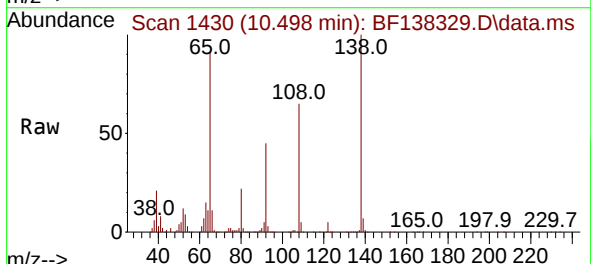
Manual Integrations
APPROVED

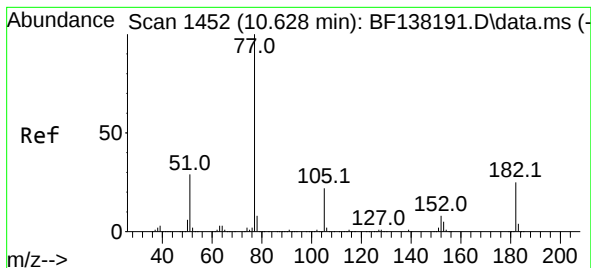
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#62
4-Nitroaniline
Concen: 41.460 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:138 Resp: 295221
Ion Ratio Lower Upper
138 100
92 45.0 30.9 70.9
108 65.3 47.8 87.8





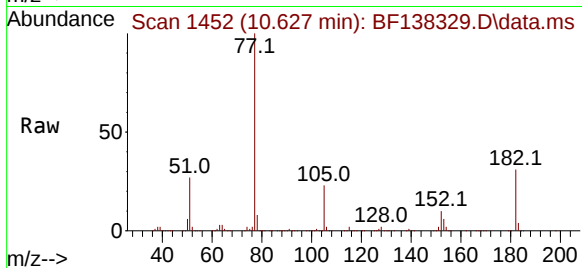
#63
Azobenzene
Concen: 41.731 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

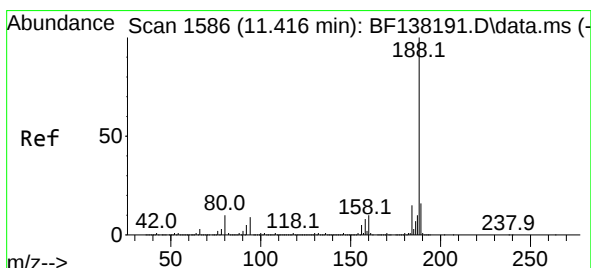
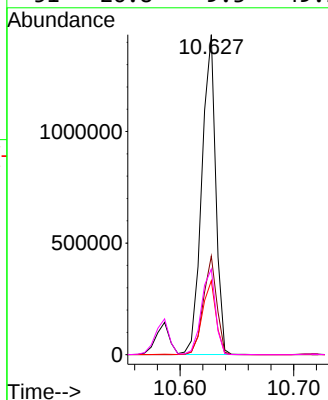
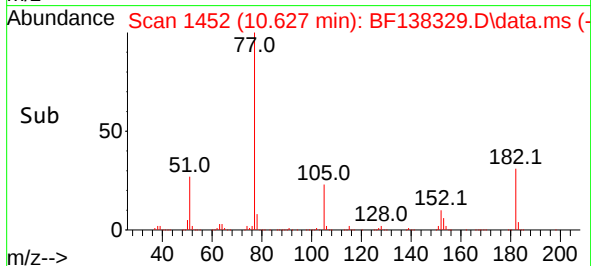


Tgt Ion: 77 Resp: 122017
Ion Ratio Lower Upper
77 100
182 30.8 5.5 45.5
105 23.1 1.8 41.8
51 26.8 9.3 49.3

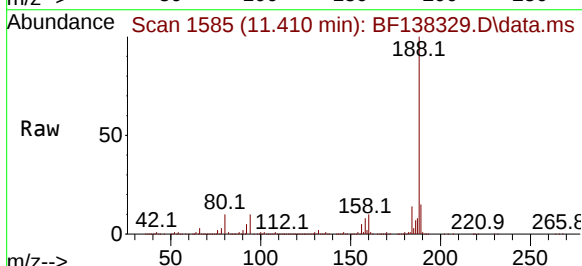
Manual Integrations

APPROVED

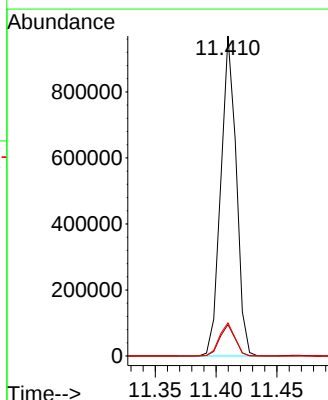
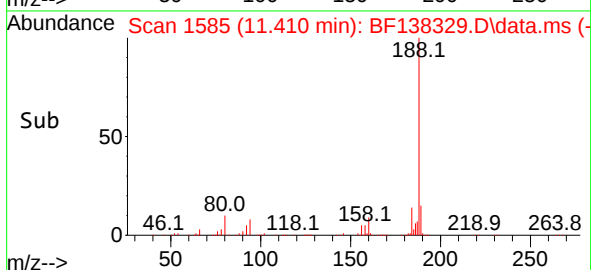
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:188 Resp: 858016
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.4 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.411 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

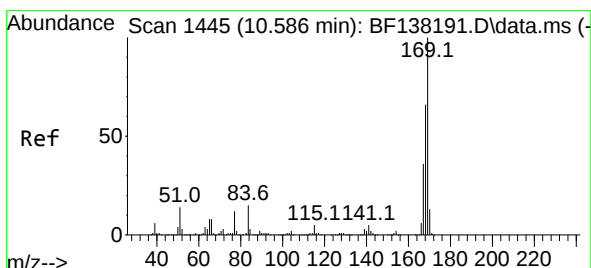
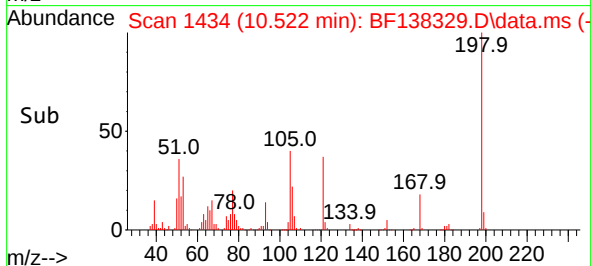
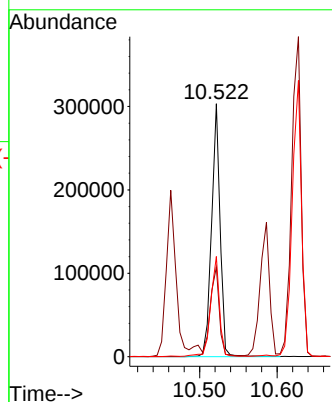
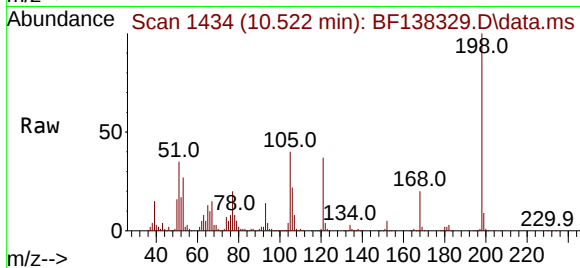
ClientSampleId :

PB161658BS

Tgt Ion:198 Resp: 23240
Ion Ratio Lower Upper
198 100
51 35.4 26.9 66.9
105 39.6 26.0 66.0

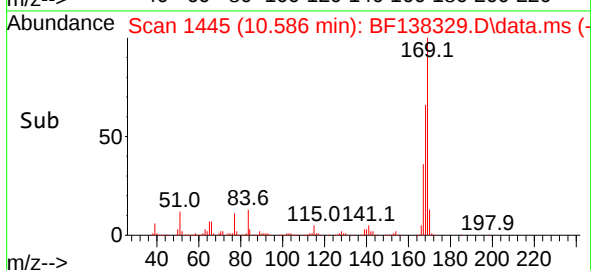
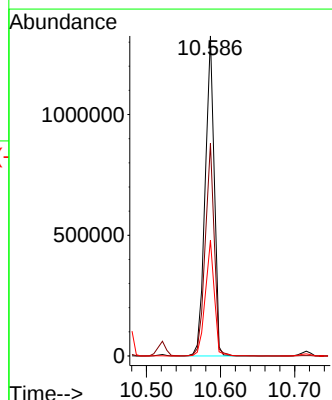
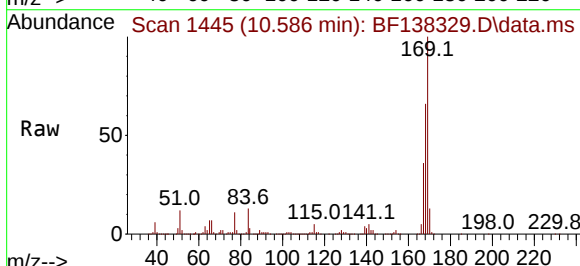
Manual Integrations
APPROVED

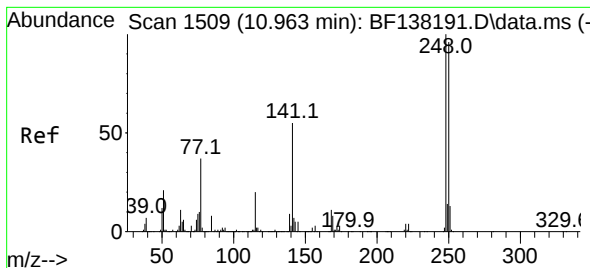
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#66
n-Nitrosodiphenylamine
Concen: 43.060 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:169 Resp: 1131121
Ion Ratio Lower Upper
169 100
168 66.5 52.9 79.3
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 44.063 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

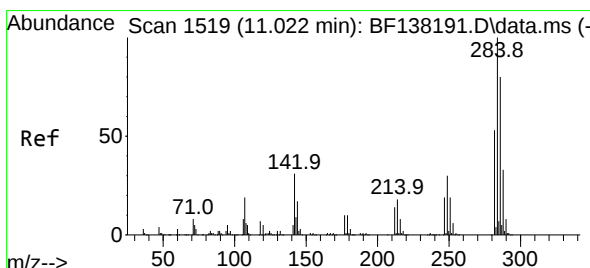
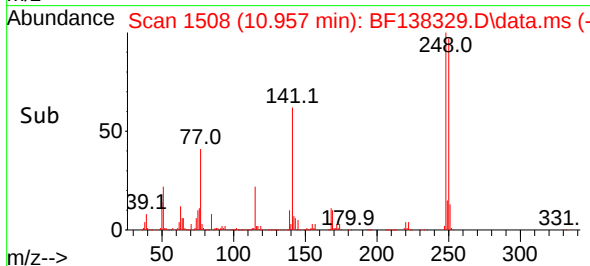
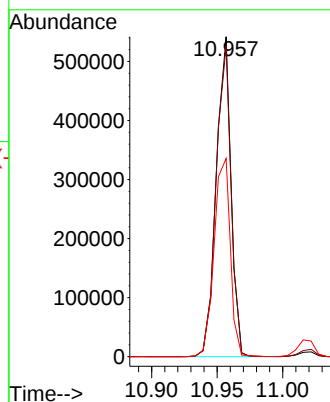
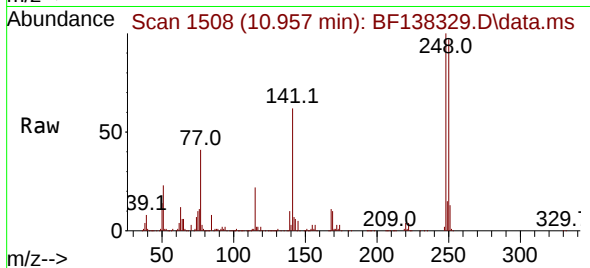
PB161658BS

Tgt Ion:248 Resp: 426014
Ion Ratio Lower Upper
248 100
250 97.1 77.2 115.8
141 61.9 44.1 66.1

Manual Integrations

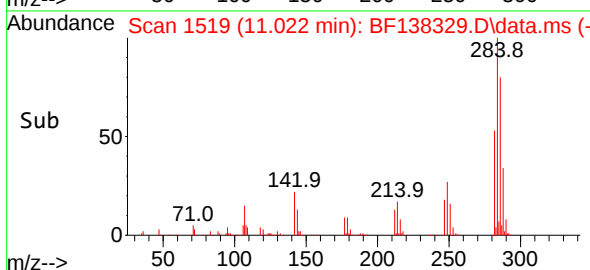
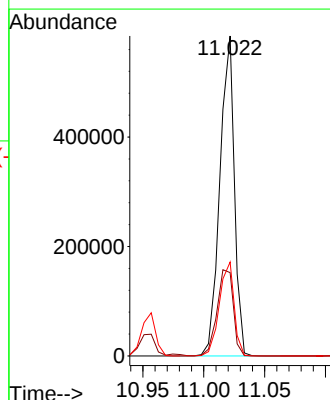
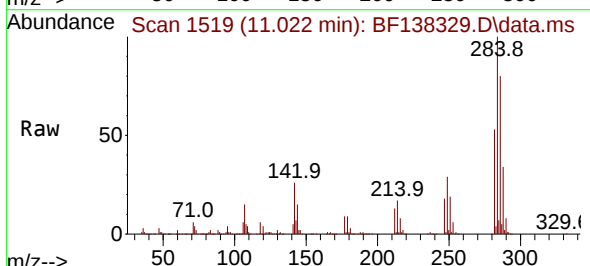
APPROVED

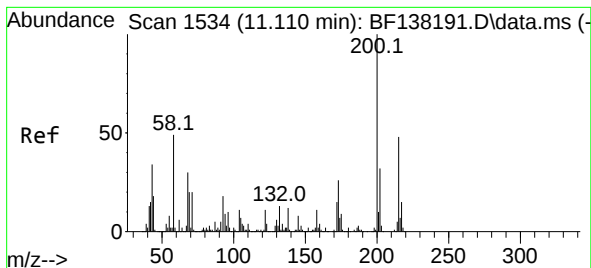
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#68
Hexachlorobenzene
Concen: 42.992 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:284 Resp: 485073
Ion Ratio Lower Upper
284 100
142 26.0 24.8 37.2
249 29.4 23.8 35.6





#69

Atrazine

Concen: 46.967 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

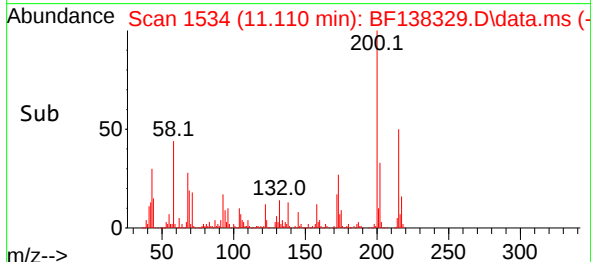
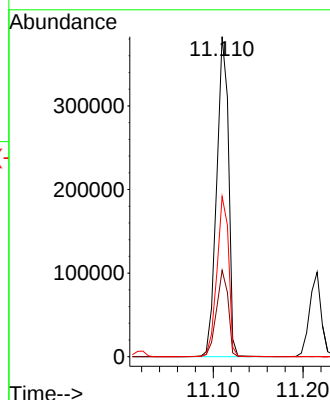
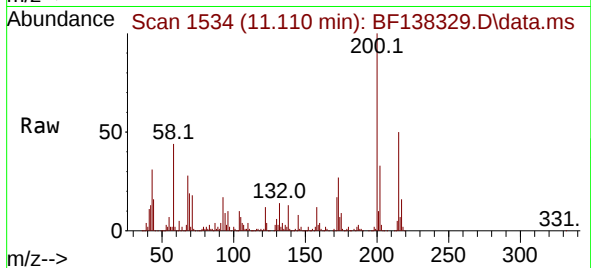
Tgt Ion:200 Resp: 351400
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.3 46.3
 215 50.1 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#70

Pentachlorophenol

Concen: 81.170 ng

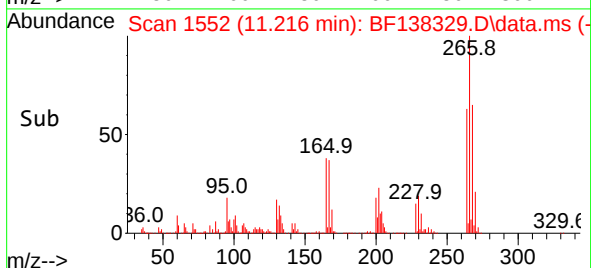
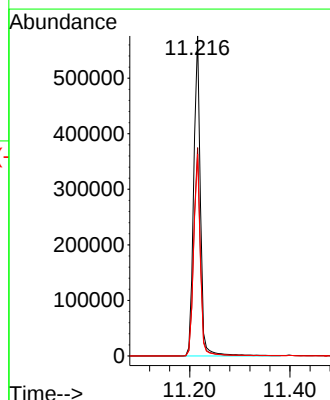
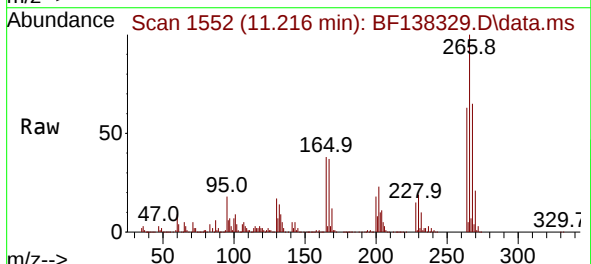
RT: 11.216 min Scan# 1552

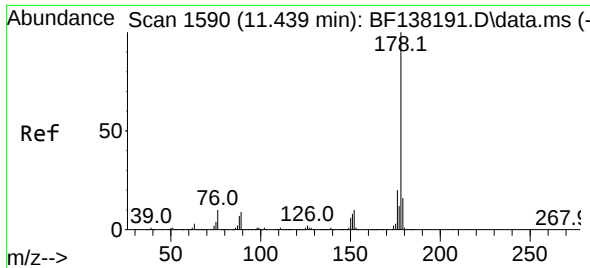
Delta R.T. -0.000 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

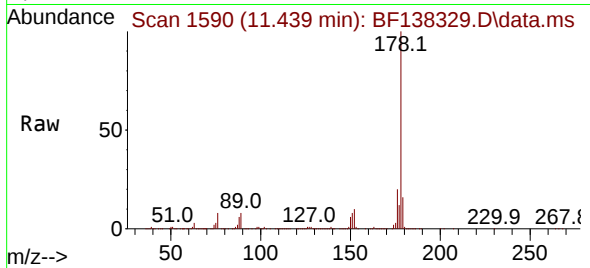
Tgt Ion:266 Resp: 534122
 Ion Ratio Lower Upper
 266 100
 268 65.1 49.5 74.3
 264 63.1 49.2 73.8





#71
Phenanthrene
Concen: 42.177 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

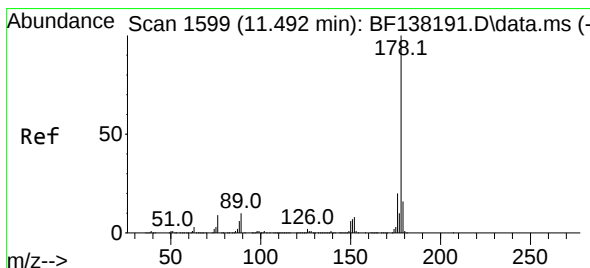
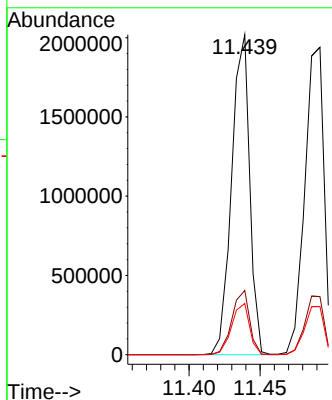
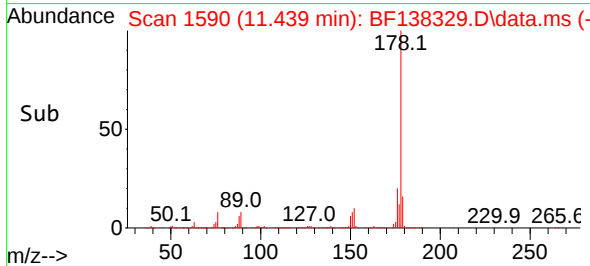
Instrument :
BNA_F
ClientSampleId :
PB161658BS



Tgt Ion:178 Resp: 178965
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 16.0 13.1 19.7

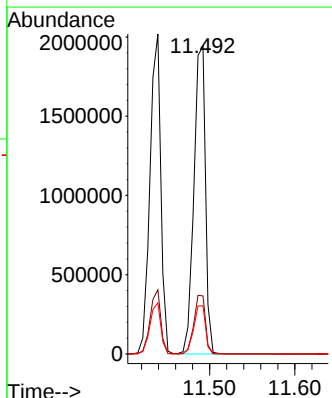
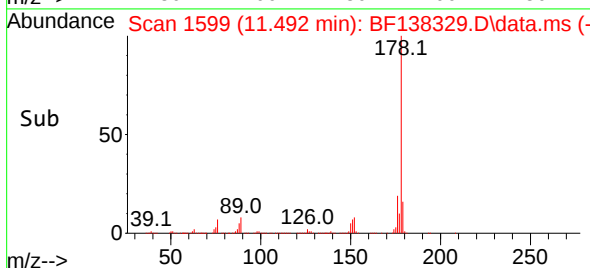
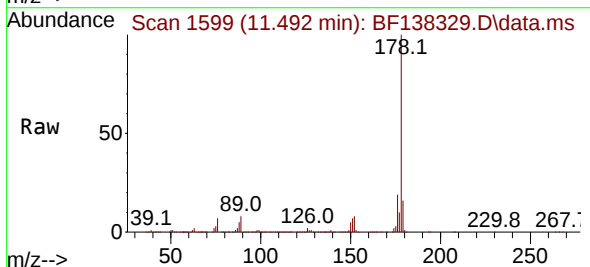
Manual Integrations
APPROVED

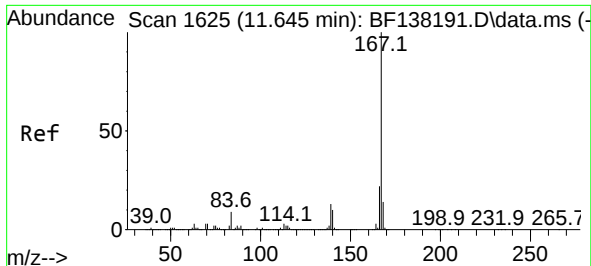
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Anthracene
Concen: 43.493 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:178 Resp: 1832292
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.7 13.0 19.6





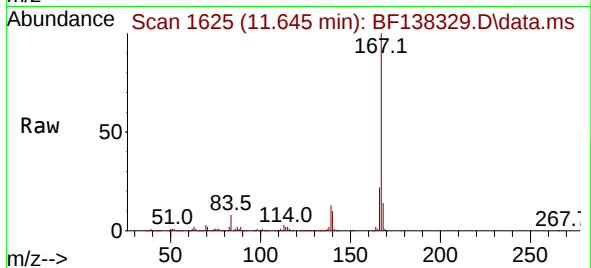
#73
 Carbazole
 Concen: 39.266 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF138329.D
 Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

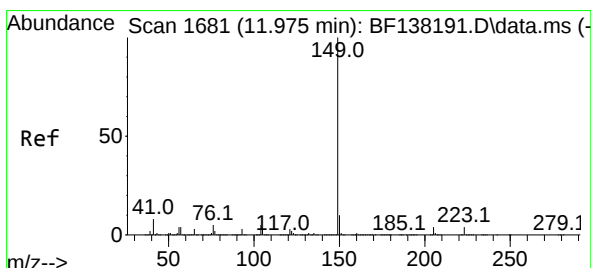
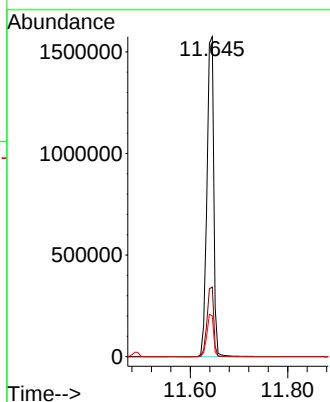
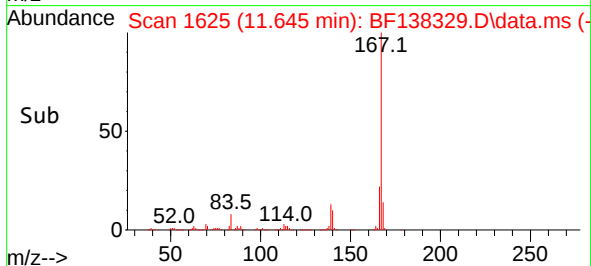


Tgt Ion:167 Resp: 1517250
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 12.8 10.6 16.0

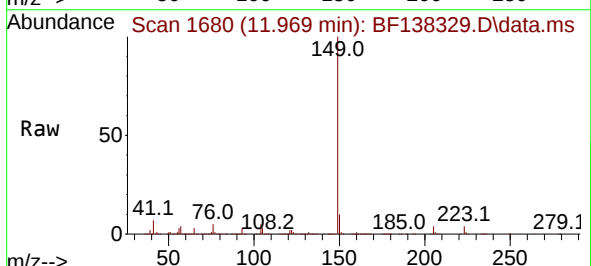
Manual Integrations

APPROVED

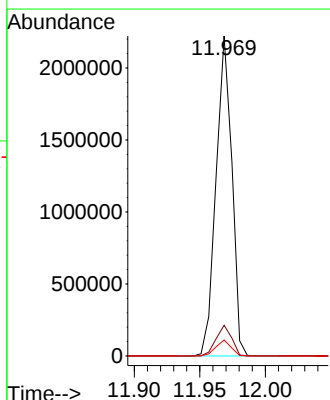
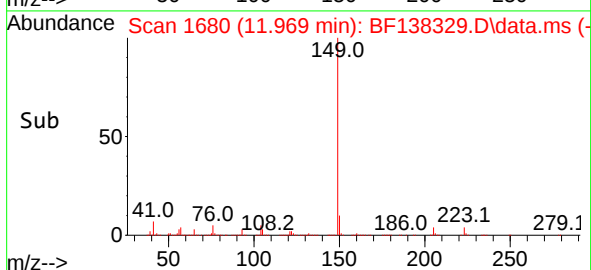
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

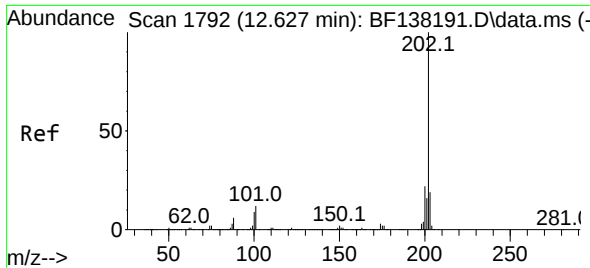


#74
 Di-n-butylphthalate
 Concen: 46.440 ng
 RT: 11.969 min Scan# 1680
 Delta R.T. -0.006 min
 Lab File: BF138329.D
 Acq: 25 Jun 2024 12:16



Tgt Ion:149 Resp: 1857717
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.2 12.2
 104 5.0 4.1 6.1





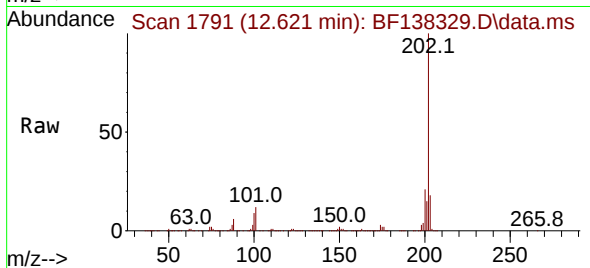
#75
Fluoranthene
Concen: 38.224 ng
RT: 12.621 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



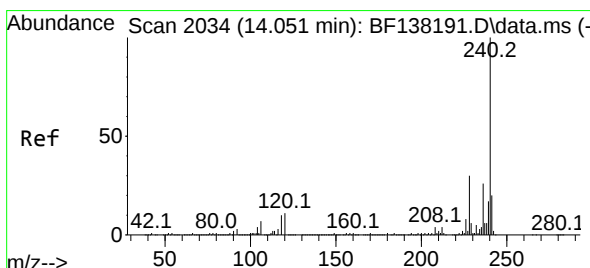
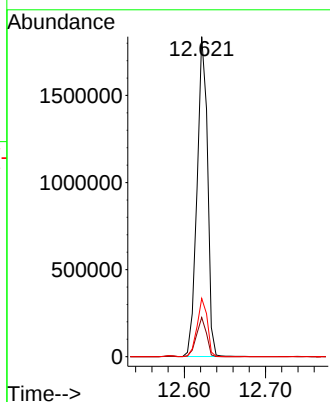
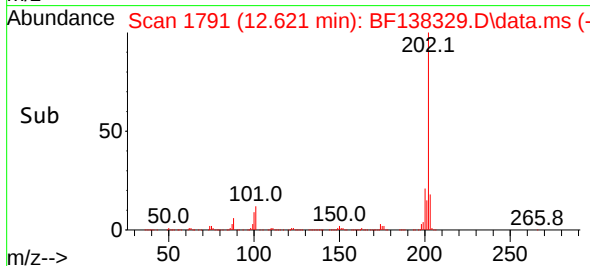
Tgt Ion:202 Resp: 1653920
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.8
203 18.2 0.0 38.6

Manual Integrations

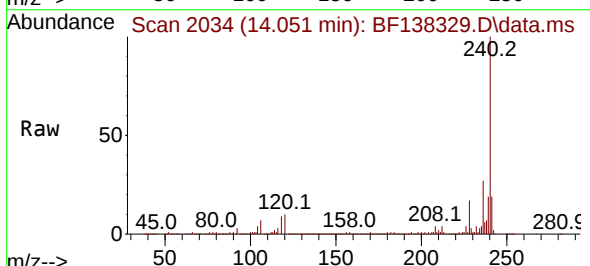
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

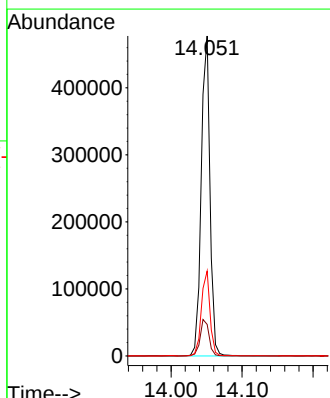
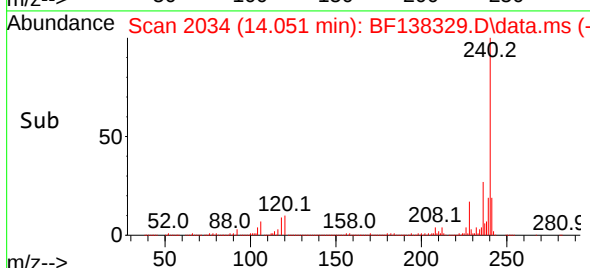
Supervised By :mohammad ahmed 06/27/2024

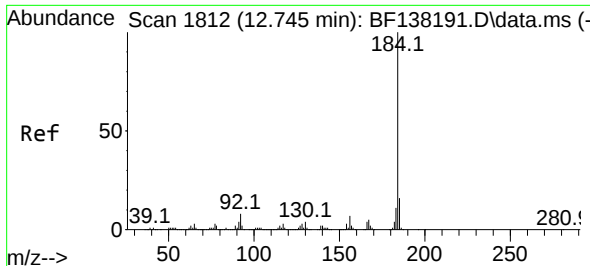


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



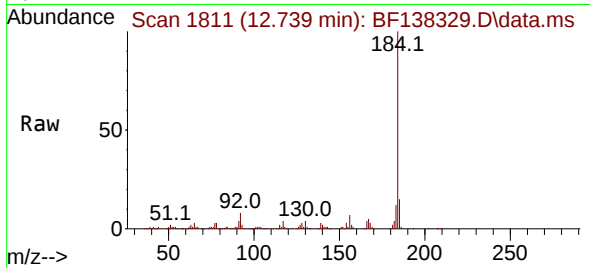
Tgt Ion:240 Resp: 408661
Ion Ratio Lower Upper
240 100
120 9.8 9.2 13.8
236 26.6 21.0 31.6





#77
Benzidine
Concen: 41.993 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

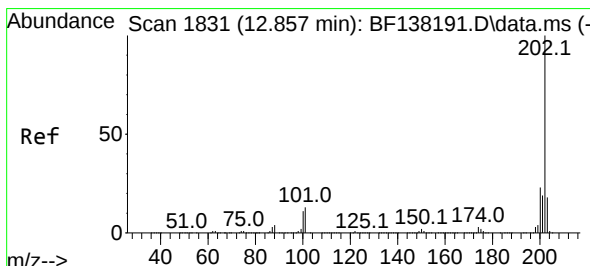
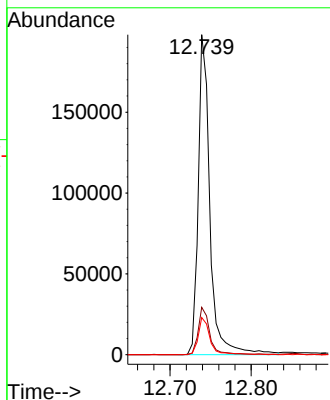
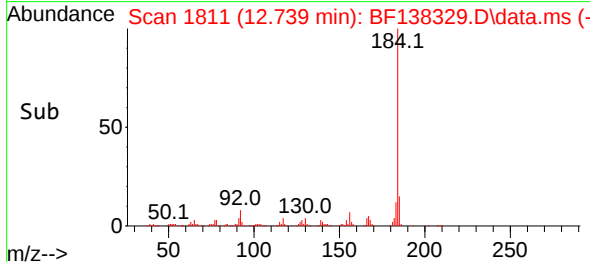
Instrument :
BNA_F
ClientSampleId :
PB161658BS



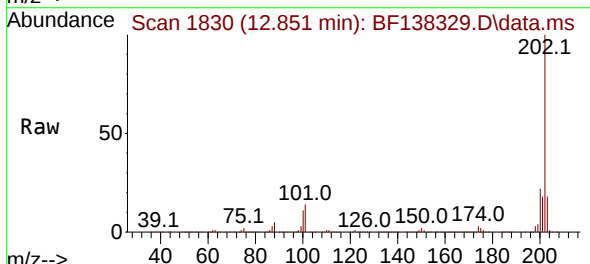
Tgt Ion:184 Resp: 198497
Ion Ratio Lower Upper
184 100
185 14.8 12.6 19.0
183 11.6 9.0 13.6

Manual Integrations
APPROVED

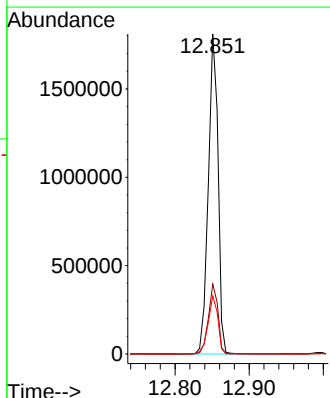
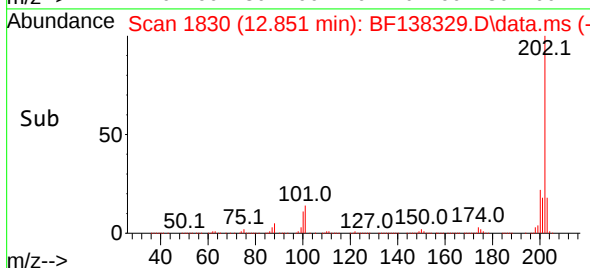
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

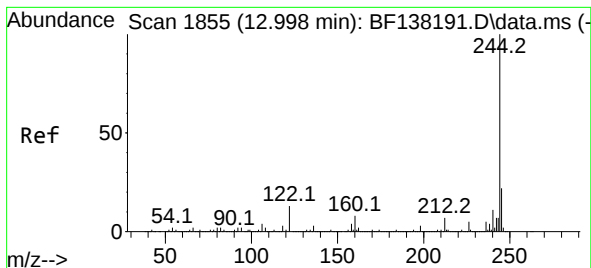


#78
Pyrene
Concen: 46.921 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:202 Resp: 1653927
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.1 14.7 22.1





#79

Terphenyl-d14

Concen: 92.665 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138329.D

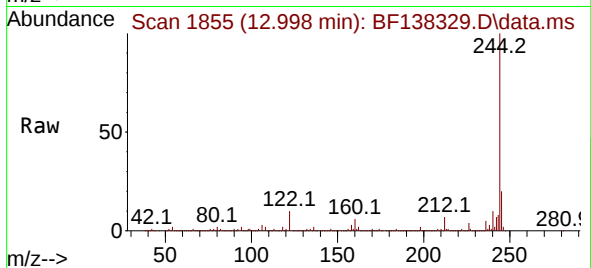
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



Tgt Ion:244 Resp: 2390954

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

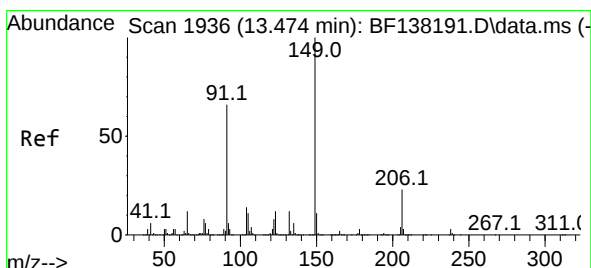
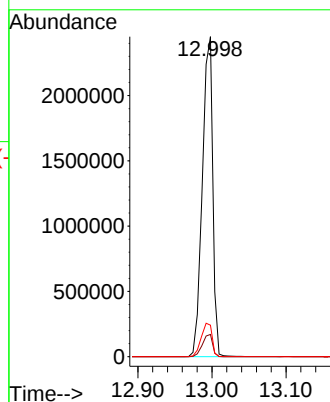
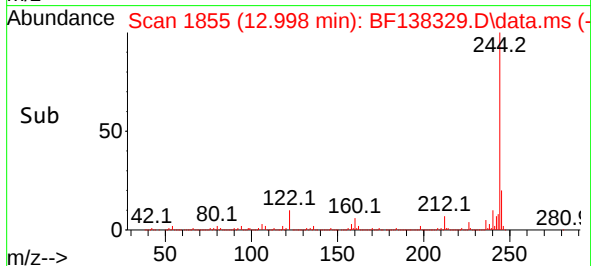
122 9.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#80

Butylbenzylphthalate

Concen: 58.564 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

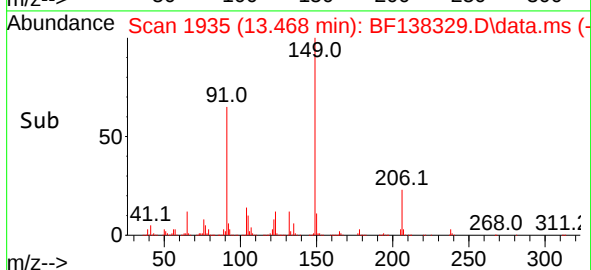
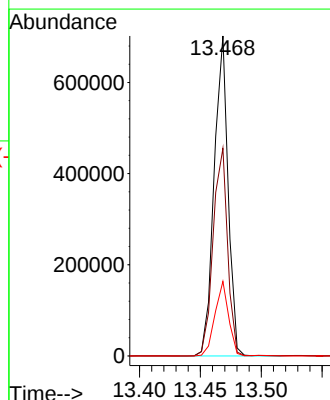
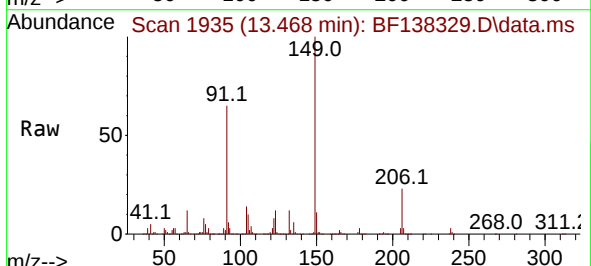
Tgt Ion:149 Resp: 561520

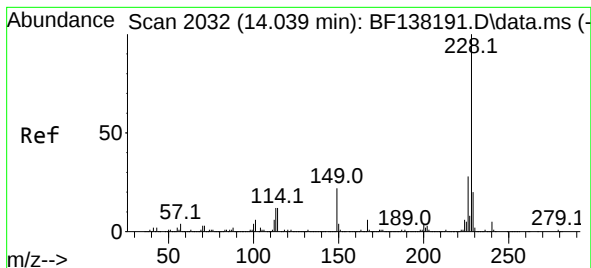
Ion Ratio Lower Upper

149 100

91 64.9 53.2 79.8

206 23.3 18.6 27.8





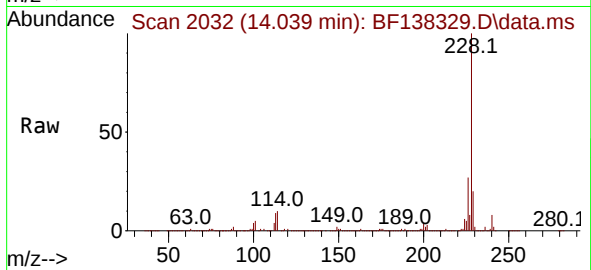
#81
Benzo(a)anthracene
Concen: 45.452 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

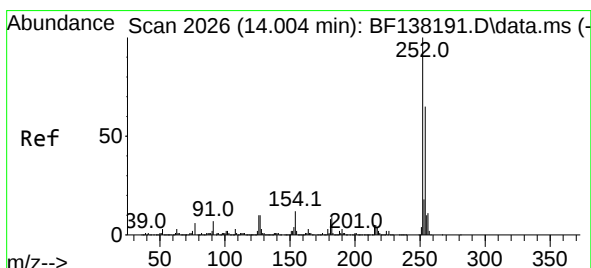
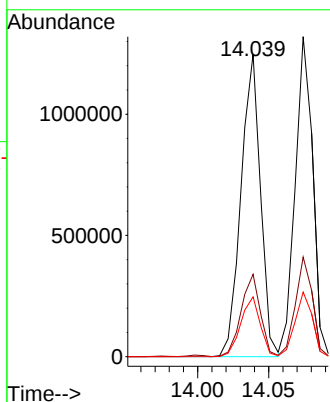
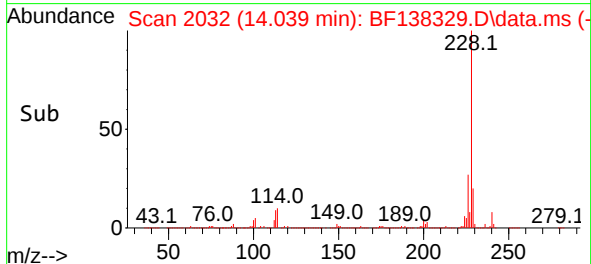


Tgt Ion:228 Resp: 1191640
Ion Ratio Lower Upper
228 100
226 27.2 22.5 33.7
229 19.8 16.3 24.5

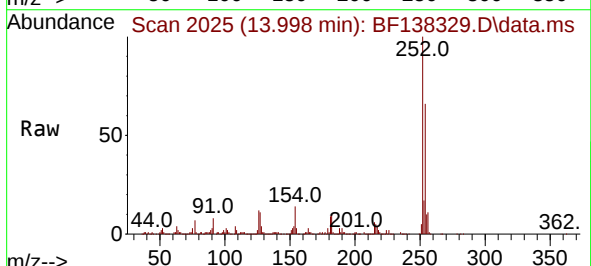
Manual Integrations

APPROVED

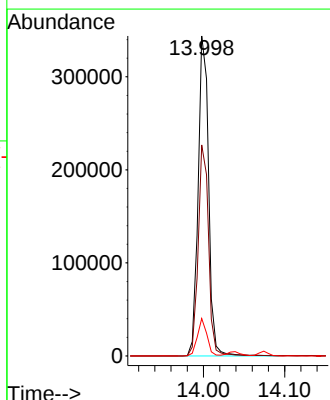
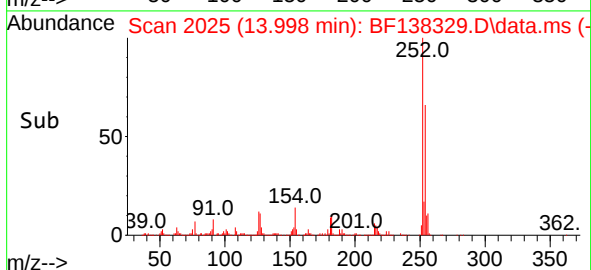
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

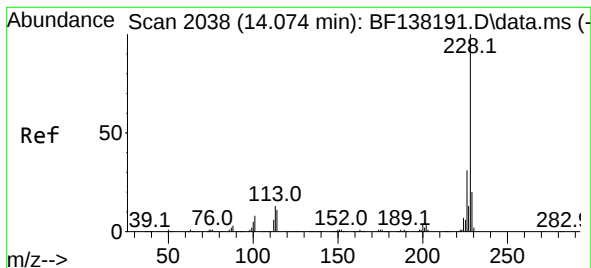


#82
3,3'-Dichlorobenzidine
Concen: 42.856 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16



Tgt Ion:252 Resp: 309409
Ion Ratio Lower Upper
252 100
254 66.0 51.8 77.6
126 11.7 8.3 12.5





#83

Chrysene

Concen: 45.517 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138329.D

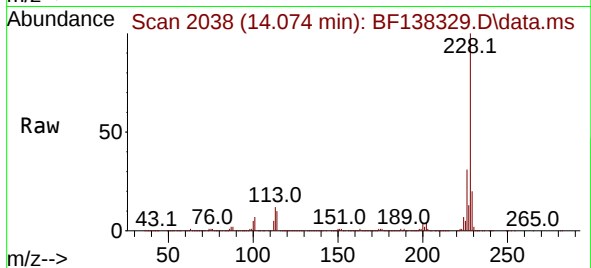
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



Tgt Ion:228 Resp: 113748

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

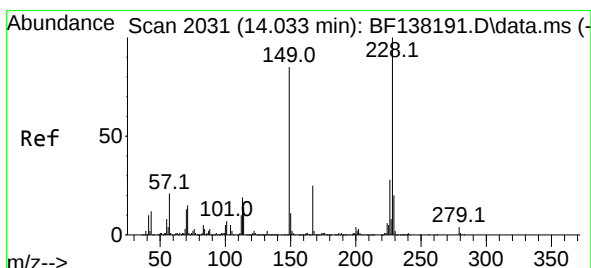
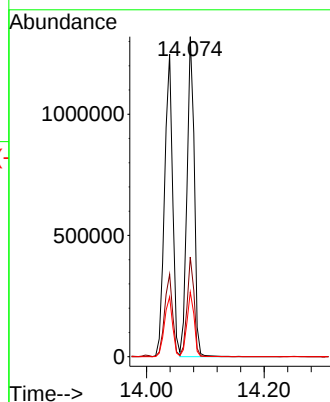
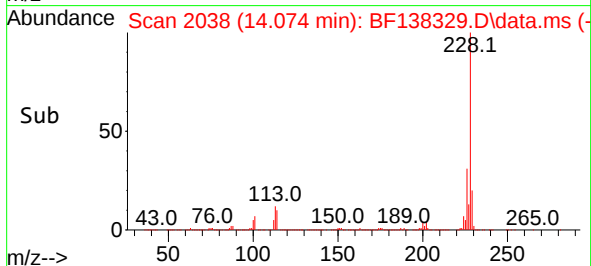
229 20.2 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.425 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138329.D

Acq: 25 Jun 2024 12:16

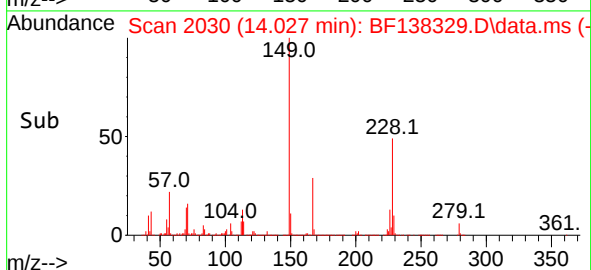
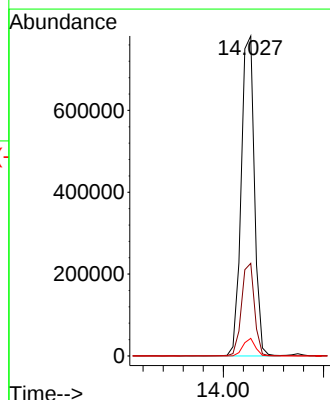
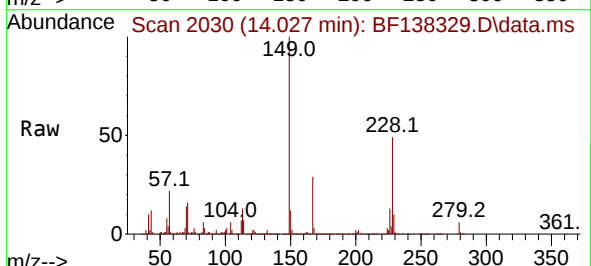
Tgt Ion:149 Resp: 718440

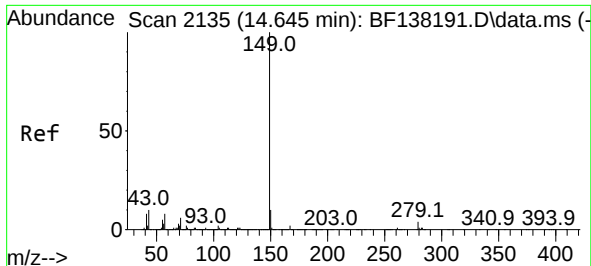
Ion Ratio Lower Upper

149 100

167 28.9 23.5 35.3

279 5.5 4.2 6.2





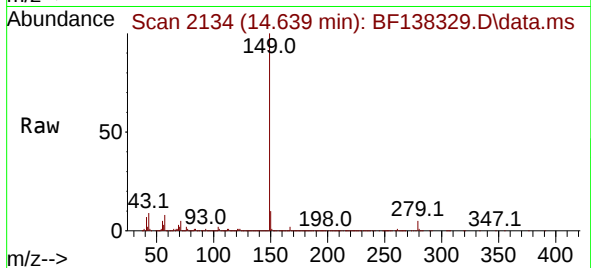
#85
Di-n-octyl phthalate
Concen: 75.979 ng
RT: 14.639 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



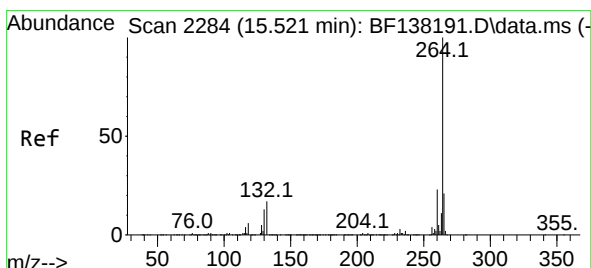
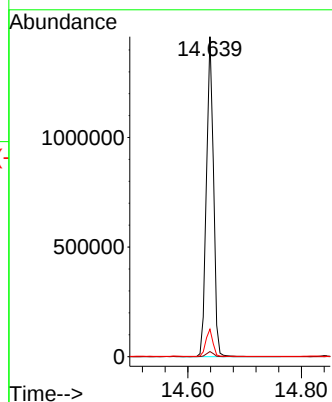
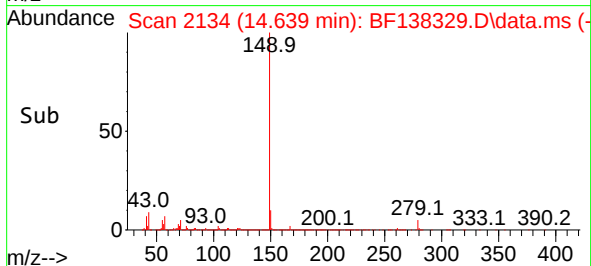
Tgt Ion:149 Resp: 125873
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.8 11.6

Manual Integrations

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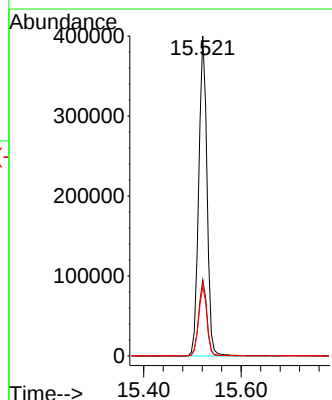
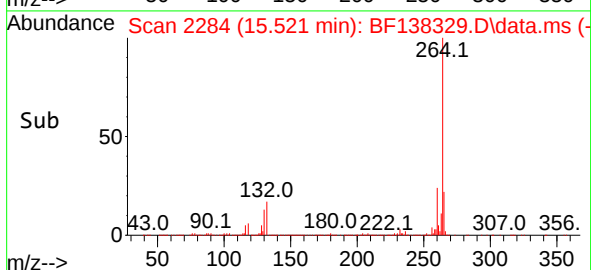
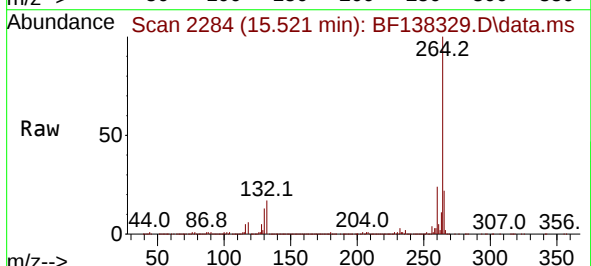
Reviewed By :Yogesh Patel 06/26/2024

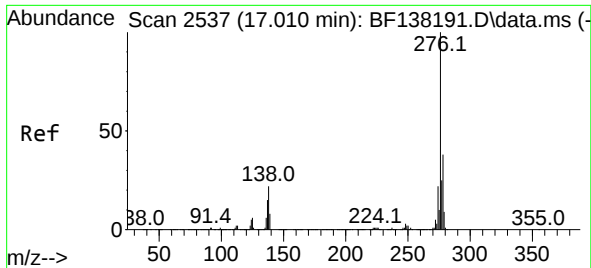
Supervised By :mohammad ahmed 06/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:264 Resp: 475715
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.7 17.0 25.6





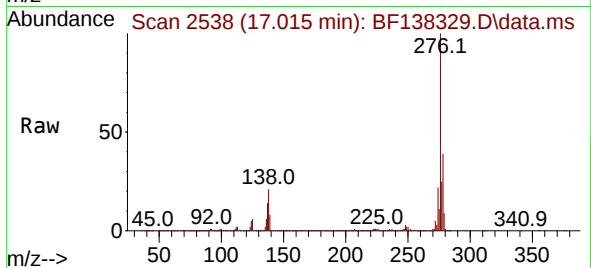
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.937 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS



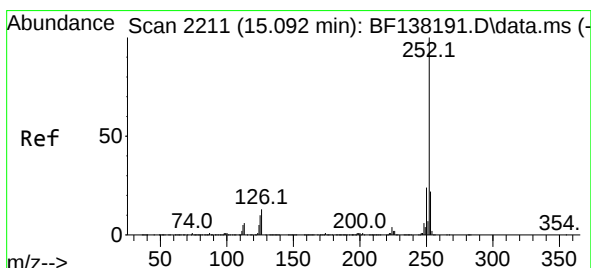
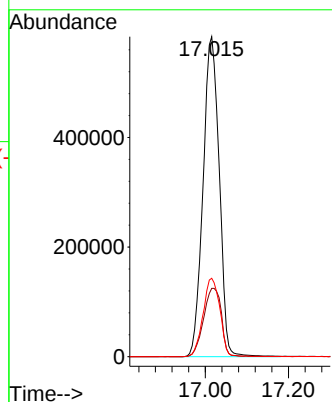
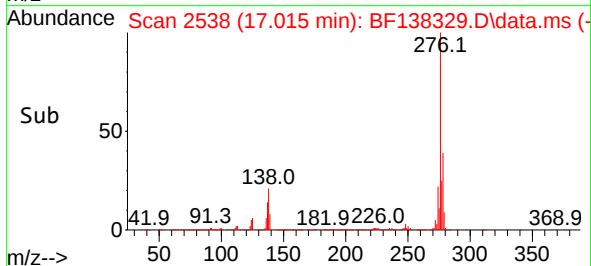
Tgt Ion:276 Resp: 157964
Ion Ratio Lower Upper
276 100
138 23.5 19.3 28.9
277 25.5 20.2 30.2

Manual Integrations

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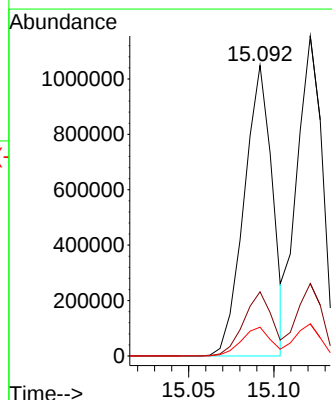
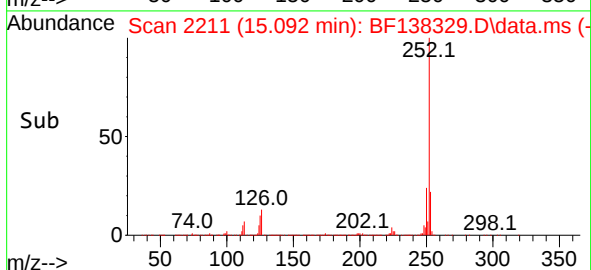
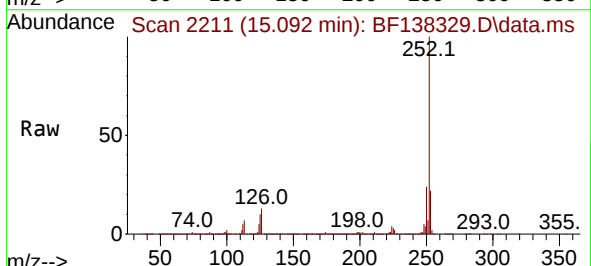
Reviewed By :Yogesh Patel 06/26/2024

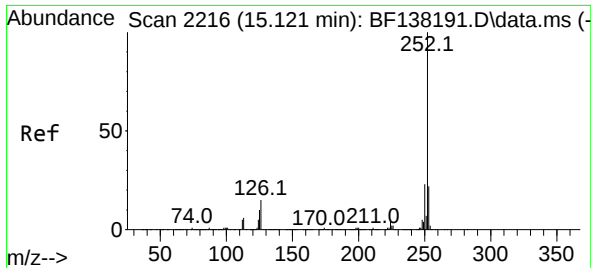
Supervised By :mohammad ahmed 06/27/2024



#88
Benzo(b)fluoranthene
Concen: 43.224 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:252 Resp: 1212592
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.9 7.8 11.8





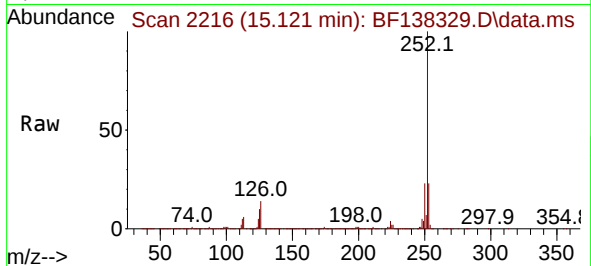
#89
Benzo(k)fluoranthene
Concen: 43.863 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :

BNA_F

ClientSampleId :

PB161658BS

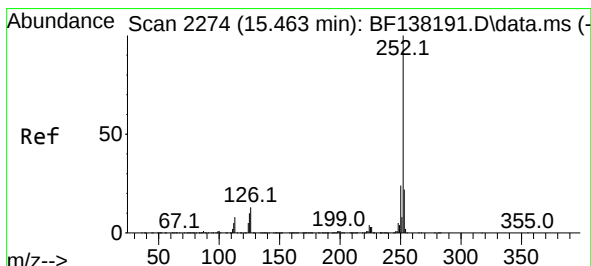
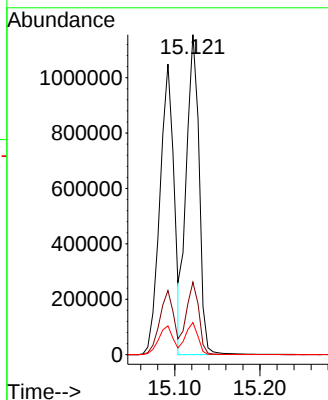
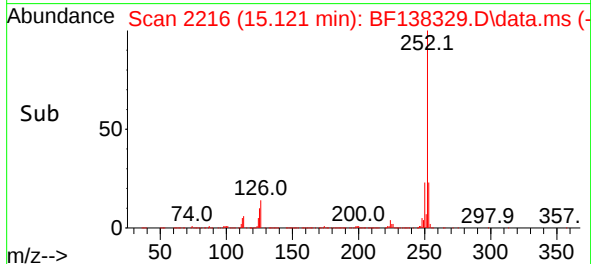


Tgt Ion:252 Resp: 1205929
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.1 8.0 12.0

Manual Integrations

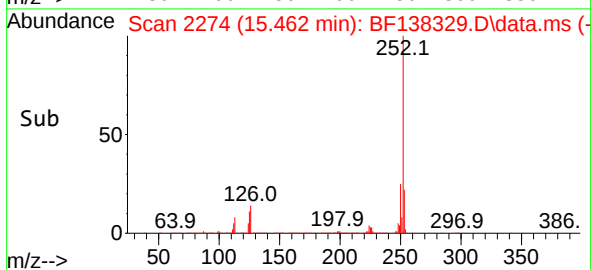
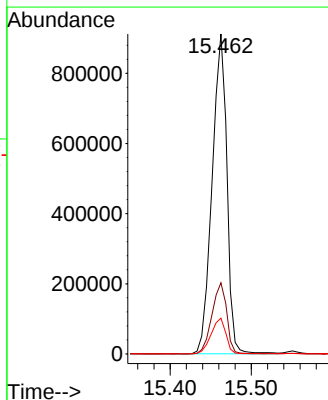
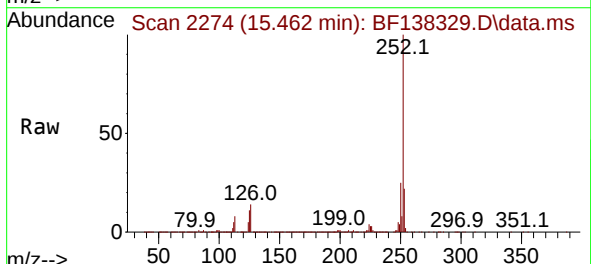
APPROVED

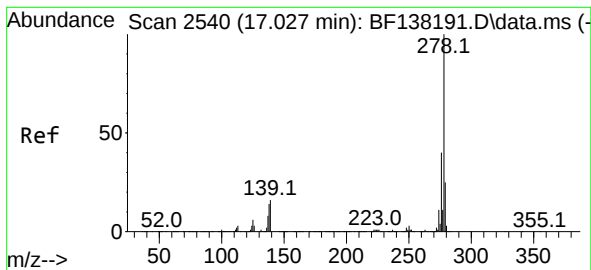
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#90
Benzo(a)pyrene
Concen: 47.834 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:252 Resp: 1152841
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.2 8.2 12.2





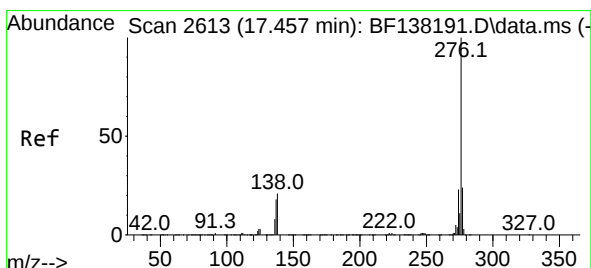
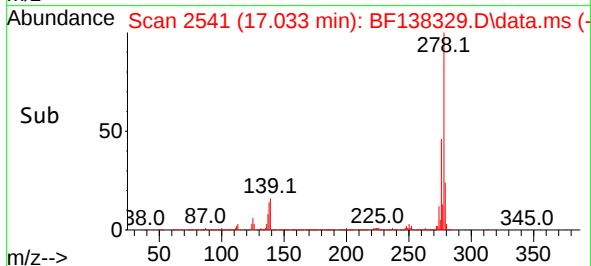
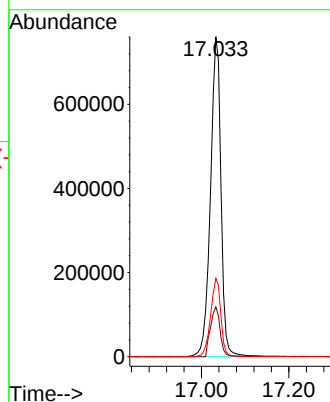
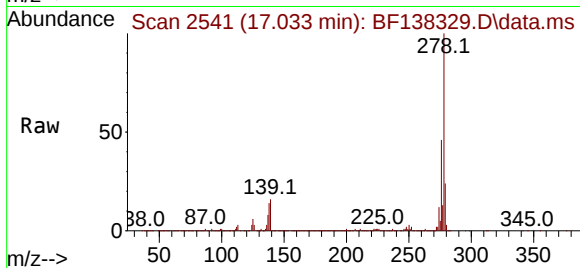
#91
Dibenzo(a,h)anthracene
Concen: 50.133 ng
RT: 17.033 min Scan# 2540
Delta R.T. 0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Instrument :
BNA_F
ClientSampleId :
PB161658BS

Tgt Ion:278 Resp: 1276135
Ion Ratio Lower Upper
278 100
139 15.6 12.9 19.3
279 24.4 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#92
Benzo(g,h,i)perylene
Concen: 46.328 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.006 min
Lab File: BF138329.D
Acq: 25 Jun 2024 12:16

Tgt Ion:276 Resp: 1219983
Ion Ratio Lower Upper
276 100
277 23.7 19.5 29.3
138 20.6 16.6 24.8

