

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138002.D
 Acq On : 22 May 2024 13:13
 Operator : CG\JU
 Sample : PB161034BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161034BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 13:45:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	156935	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	631403	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	361308	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	636618	20.000	ng	0.00
76) Chrysene-d12	14.233	240	372232	20.000	ng	0.00
86) Perylene-d12	15.792	264	302803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1103135	119.402	ng	0.00
7) Phenol-d6	6.657	99	1364336	119.881	ng	0.00
23) Nitrobenzene-d5	7.598	82	850583	79.279	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	496825	136.376	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1839508	78.425	ng	0.00
79) Terphenyl-d14	13.169	244	2119759	83.929	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	134341	33.566	ng	99
3) Pyridine	3.775	79	331632	36.928	ng	99
4) n-Nitrosodimethylamine	3.746	42	164687	41.570	ng	100
6) Aniline	6.698	93	327190m	32.143	ng	
8) 2-Chlorophenol	6.822	128	452955	45.303	ng	97
9) Benzaldehyde	6.593	77	365839	59.415	ng	99
10) Phenol	6.669	94	499741	43.504	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	394308	44.706	ng	97
12) 1,3-Dichlorobenzene	6.975	146	468001	40.456	ng	97
13) 1,4-Dichlorobenzene	7.051	146	478207	41.184	ng	98
14) 1,2-Dichlorobenzene	7.204	146	462317	42.304	ng	100
15) Benzyl Alcohol	7.175	79	356363	46.893	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	485601	44.789	ng	98
17) 2-Methylphenol	7.275	107	353960	44.392	ng	99
18) Hexachloroethane	7.545	117	164879	41.962	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	289681	45.305	ng	97
20) 3+4-Methylphenols	7.428	107	456031	43.657	ng	94
22) Acetophenone	7.445	105	602346	42.585	ng	# 99
24) Nitrobenzene	7.622	77	438901	40.325	ng	98
25) Isophorone	7.851	82	812860	43.653	ng	99
26) 2-Nitrophenol	7.934	139	247692	45.291	ng	98
27) 2,4-Dimethylphenol	7.957	122	330272	46.906	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	492263	43.619	ng	99
29) 2,4-Dichlorophenol	8.169	162	393295	44.419	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	405299	40.998	ng	99
31) Naphthalene	8.339	128	1304975	41.105	ng	99
32) Benzoic acid	8.087	122	296434	49.804	ng	99
33) 4-Chloroaniline	8.381	127	187087	17.976	ng	98
34) Hexachlorobutadiene	8.451	225	252017	40.275	ng	99
35) Caprolactam	8.763	113	124021m	48.347	ng	
36) 4-Chloro-3-methylphenol	8.863	107	406351	45.115	ng	99
37) 2-Methylnaphthalene	9.034	142	869194	42.593	ng	98
38) 1-Methylnaphthalene	9.134	142	811542	40.451	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	420172	42.776	ng	99
41) Hexachlorocyclopentadiene	9.187	237	447959	120.021	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	290916	45.171	ng	99

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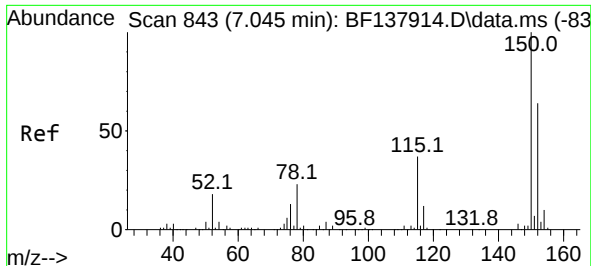
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	315221	44.732	ng	97
46) 1,1'-Biphenyl	9.498	154	1081921	42.693	ng	99
47) 2-Chloronaphthalene	9.528	162	842319	41.638	ng	98
48) 2-Nitroaniline	9.622	65	232262	44.836	ng	96
49) Acenaphthylene	9.945	152	1343162	46.177	ng	99
50) Dimethylphthalate	9.798	163	1032340	45.564	ng	99
51) 2,6-Dinitrotoluene	9.863	165	228699	43.980	ng	99
52) Acenaphthene	10.122	154	916254	47.660	ng	99
53) 3-Nitroaniline	10.034	138	162522	31.970	ng	99
54) 2,4-Dinitrophenol	10.139	184	264222	92.829	ng	# 87
55) Dibenzofuran	10.292	168	1214401	43.404	ng	100
56) 4-Nitrophenol	10.192	139	361153	98.913	ng	93
57) 2,4-Dinitrotoluene	10.269	165	314787	46.826	ng	# 89
58) Fluorene	10.639	166	962450	43.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	265386	47.939	ng	99
60) Diethylphthalate	10.498	149	981773	46.397	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	486057	44.537	ng	98
62) 4-Nitroaniline	10.657	138	211713	43.909	ng	98
63) Azobenzene	10.786	77	876122	45.520	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	182131	49.548	ng	99
66) n-Nitrosodiphenylamine	10.745	169	850336	43.555	ng	100
67) 4-Bromophenyl-phenylether	11.116	248	308499	44.203	ng	100
68) Hexachlorobenzene	11.186	284	330502	42.841	ng	100
69) Atrazine	11.269	200	291367	54.654	ng	100
70) Pentachlorophenol	11.380	266	405551	89.744	ng	98
71) Phenanthrene	11.610	178	1366090	43.545	ng	99
72) Anthracene	11.657	178	1370981	44.045	ng	99
73) Carbazole	11.810	167	1230204	43.265	ng	99
74) Di-n-butylphthalate	12.128	149	1520356	48.180	ng	100
75) Fluoranthene	12.798	202	1397760	43.895	ng	98
77) Benzidine	12.916	184	105010	21.586	ng	99
78) Pyrene	13.033	202	1400676	43.022	ng	100
80) Butylbenzylphthalate	13.633	149	530518	54.024	ng	98
81) Benzo(a)anthracene	14.221	228	1088444	46.219	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	214663	32.892	ng	99
83) Chrysene	14.257	228	1010438	44.864	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	671126	54.367	ng	99
85) Di-n-octyl phthalate	14.816	149	937702	56.228	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	923818	47.487	ng	99
88) Benzo(b)fluoranthene	15.321	252	850651	48.519	ng	99
89) Benzo(k)fluoranthene	15.357	252	812433	47.169	ng	100
90) Benzo(a)pyrene	15.727	252	746658	49.874	ng	98
91) Dibenzo(a,h)anthracene	17.445	278	759669	47.263	ng	99
92) Benzo(g,h,i)perylene	17.927	276	717096	42.469	ng	100

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



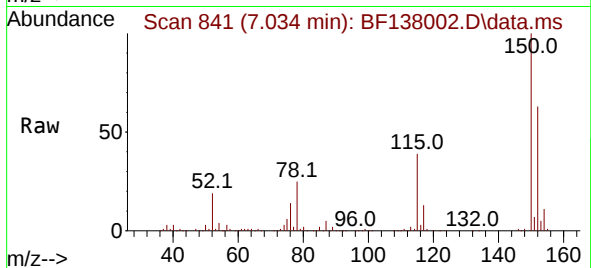
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

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PB161034BS



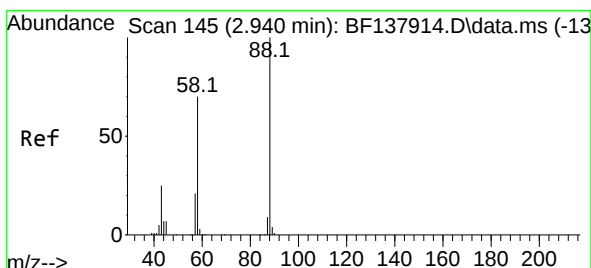
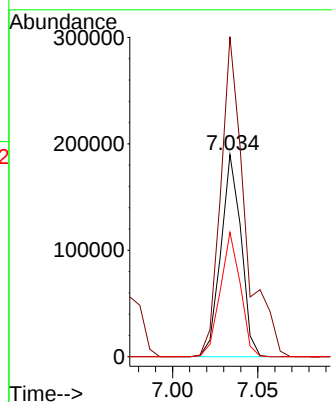
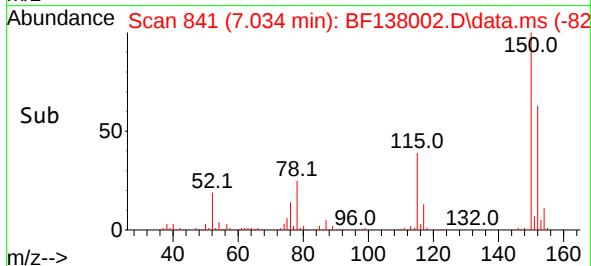
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Ion Ratio Lower Upper
152 100
150 158.4 125.7 188.5
115 61.5 47.0 70.6

Manual Integrations

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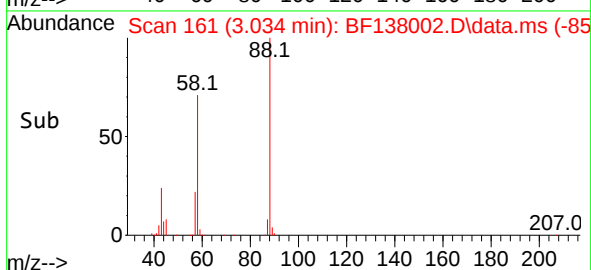
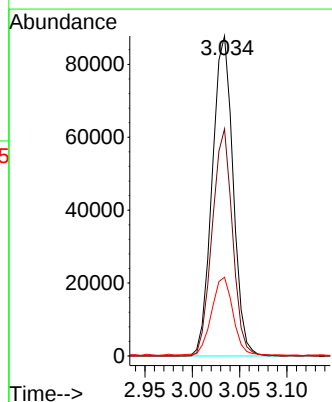
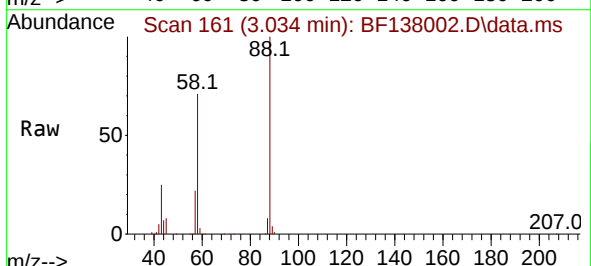
Reviewed By :Yogesh Patel 05/24/2024

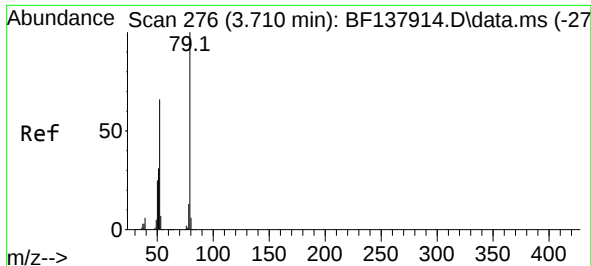
Supervised By :mohammad ahmed 05/24/2024



#2
1,4-Dioxane
Concen: 33.566 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.094 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

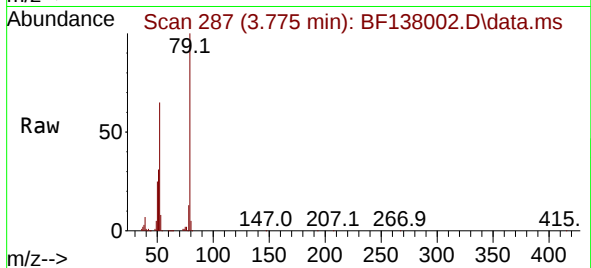
Tgt Ion: 88 Resp: 134341
Ion Ratio Lower Upper
88 100
58 68.9 54.4 81.6
43 24.7 19.6 29.4





#3
Pyridine
Concen: 36.928 ng
RT: 3.775 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

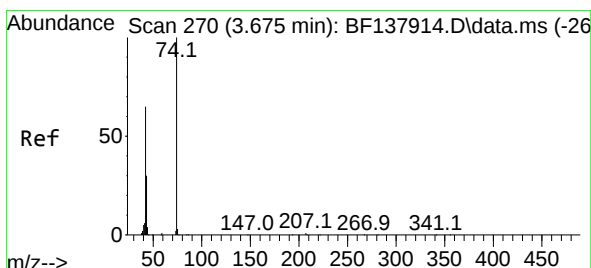
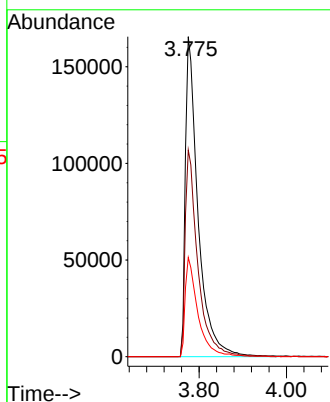
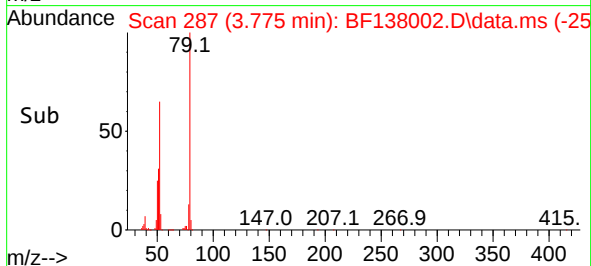
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ClientSampleId :
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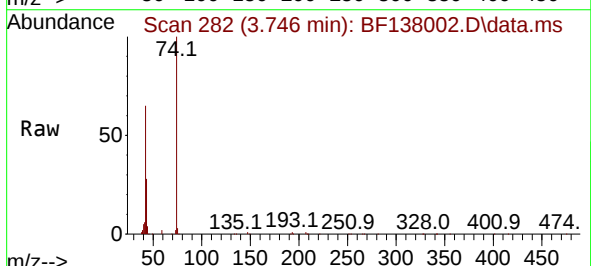
Tgt Ion: 79 Resp: 33163
Ion Ratio Lower Upper
79 100
52 64.6 52.5 78.7
51 31.0 25.1 37.7

Manual Integrations
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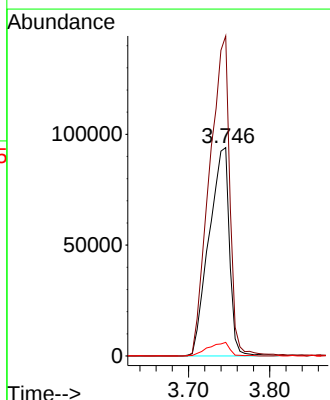
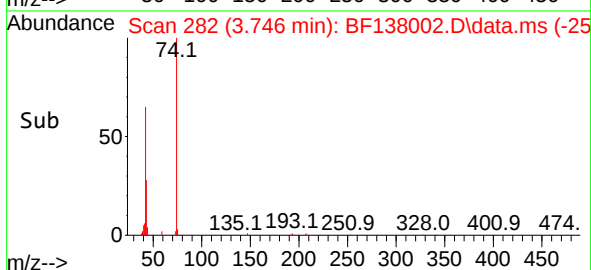
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

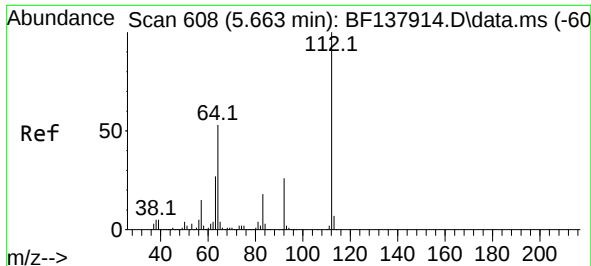


#4
n-Nitrosodimethylamine
Concen: 41.570 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.071 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion: 42 Resp: 164687
Ion Ratio Lower Upper
42 100
74 153.6 123.1 184.7
44 6.5 5.0 7.6





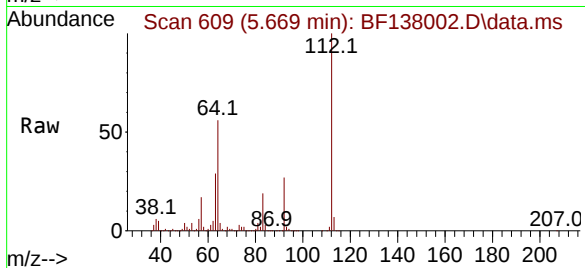
#5
2-Fluorophenol
Concen: 119.402 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

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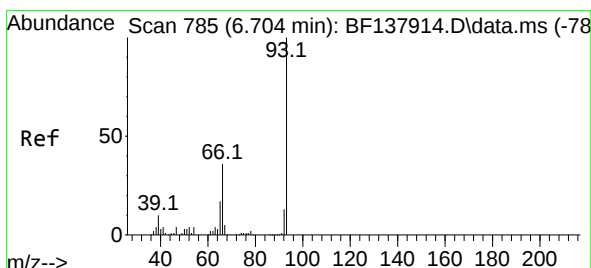
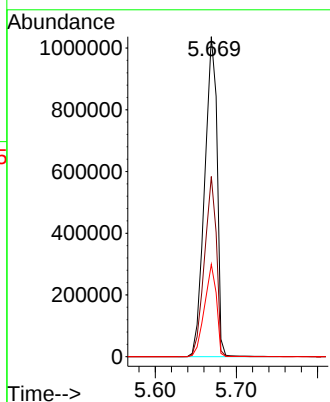
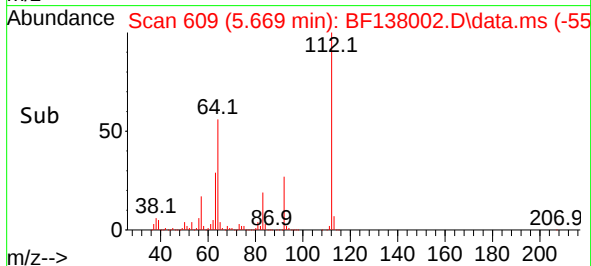
Tgt Ion: 112 Resp: 110313
Ion Ratio Lower Upper
112 100
64 56.3 42.4 63.6
63 28.8 21.4 32.2

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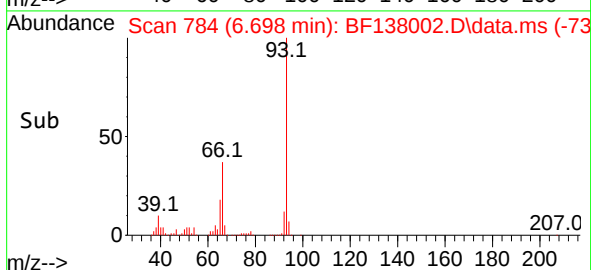
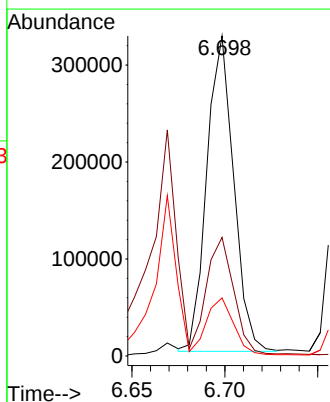
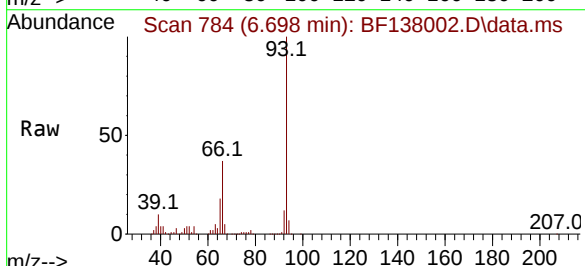
Reviewed By :Yogesh Patel 05/24/2024

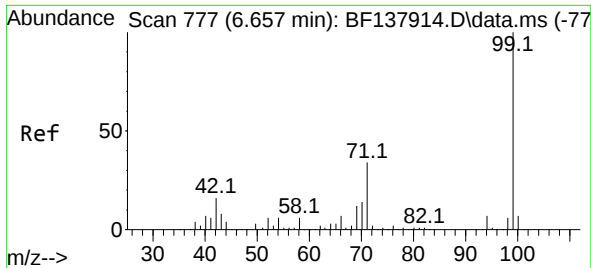
Supervised By :mohammad ahmed 05/24/2024



#6
Aniline
Concen: 32.143 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion: 93 Resp: 327190
Ion Ratio Lower Upper
93 100
66 37.1 30.7 46.1
65 18.2 15.0 22.4





#7

Phenol-d6

Concen: 119.881 ng

RT: 6.657 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

Tgt Ion: 99 Resp: 136433

Ion Ratio Lower Upper

99 100

42 15.8 12.6 18.8

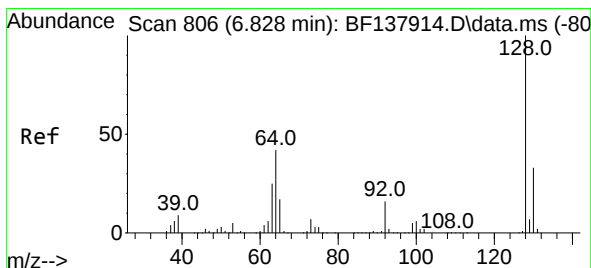
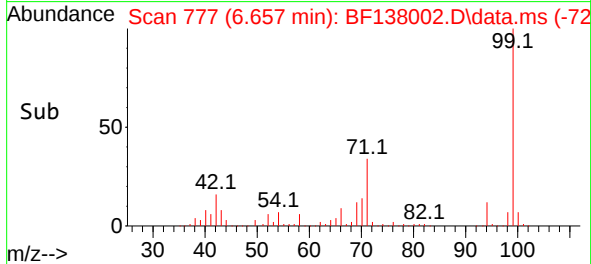
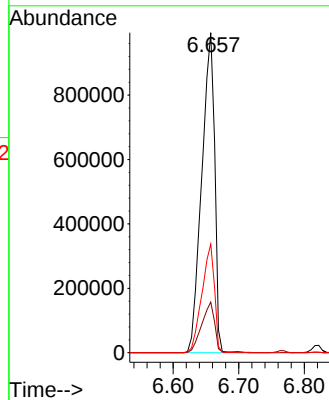
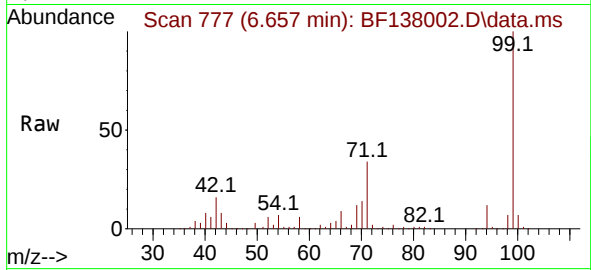
71 33.9 27.1 40.7

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#8

2-Chlorophenol

Concen: 45.303 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

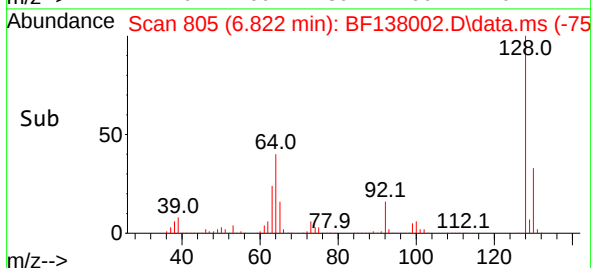
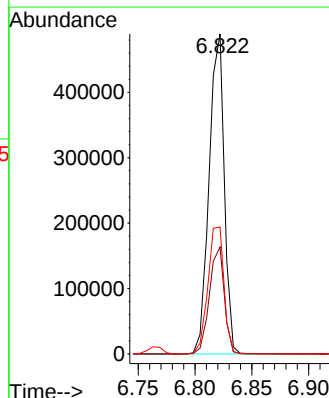
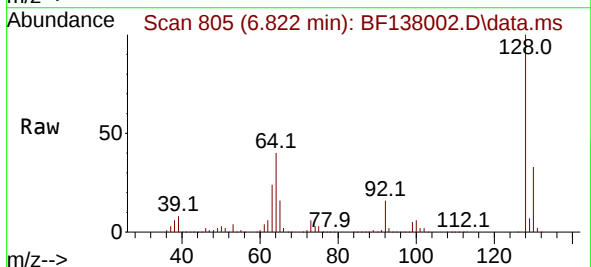
Tgt Ion:128 Resp: 452955

Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

64 39.7 22.2 62.2





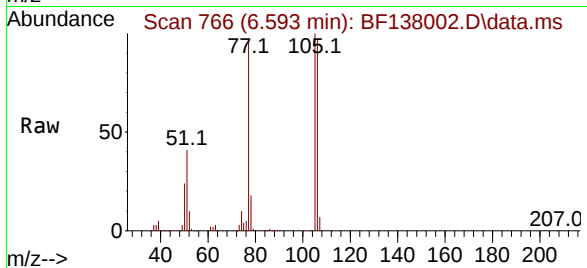
#9
Benzaldehyde
Concen: 59.415 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

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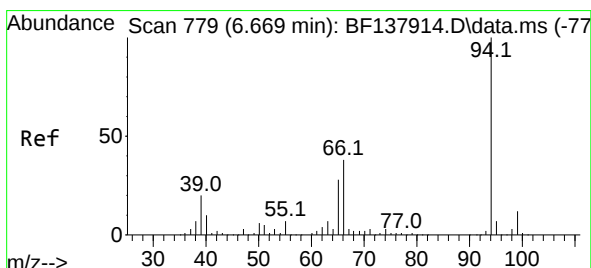
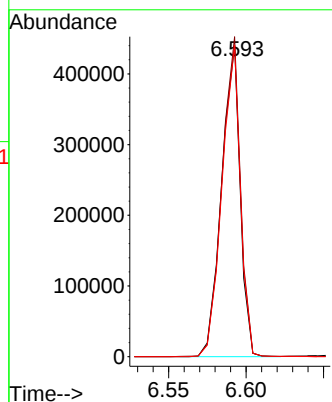
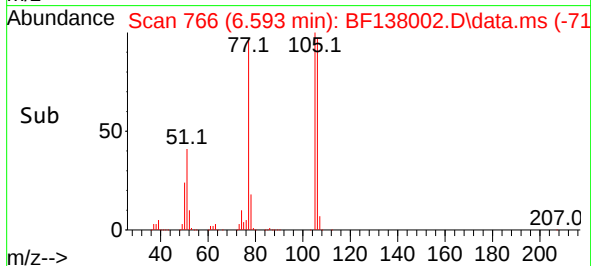
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Ion Ratio Lower Upper
77 100
105 102.8 82.3 122.3
106 100.1 79.2 119.2

Manual Integrations

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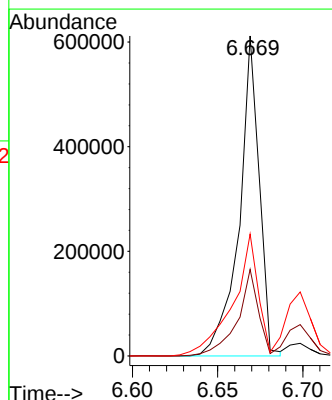
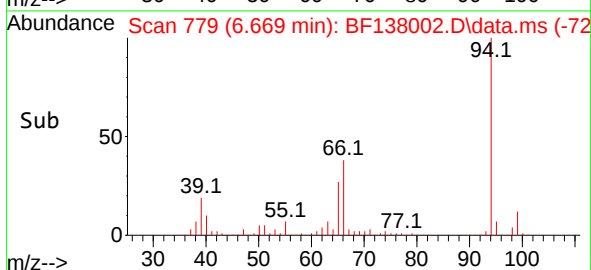
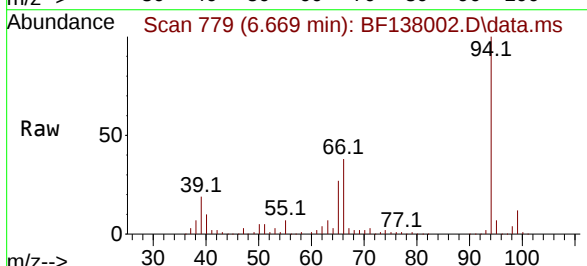
Reviewed By :Yogesh Patel 05/24/2024

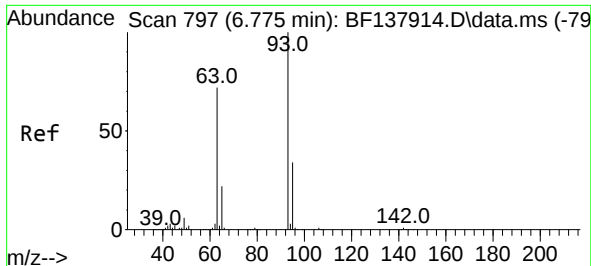
Supervised By :mohammad ahmed 05/24/2024



#10
Phenol
Concen: 43.504 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion: 94 Resp: 499741
Ion Ratio Lower Upper
94 100
65 27.0 7.8 47.8
66 38.1 18.6 58.6





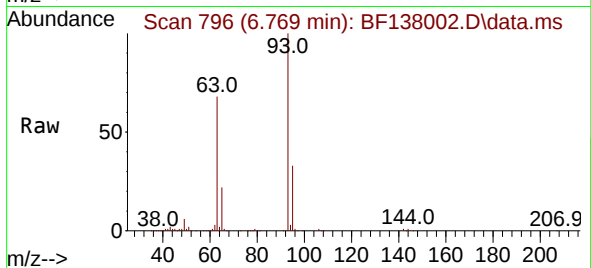
#11
bis(2-Chloroethyl)ether
Concen: 44.706 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

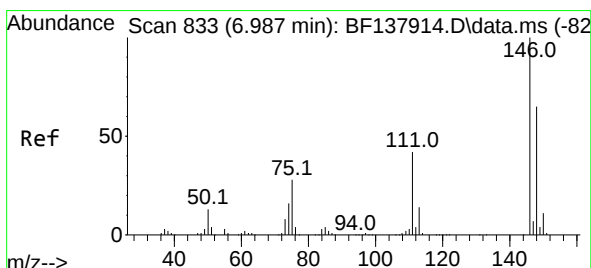
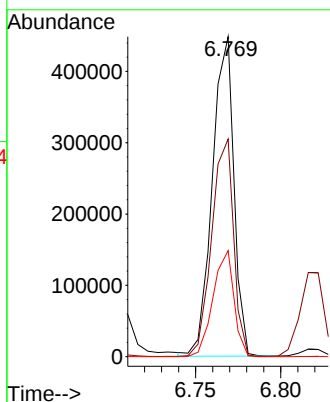
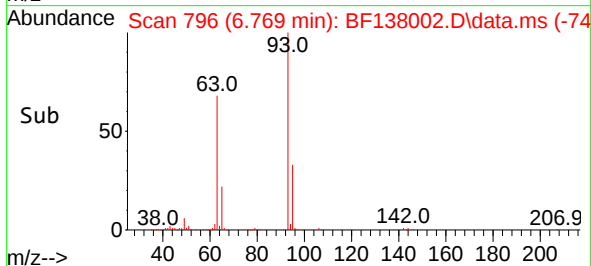


Tgt Ion: 93 Resp: 394308
Ion Ratio Lower Upper
93 100
63 68.0 51.4 91.4
95 33.2 13.5 53.5

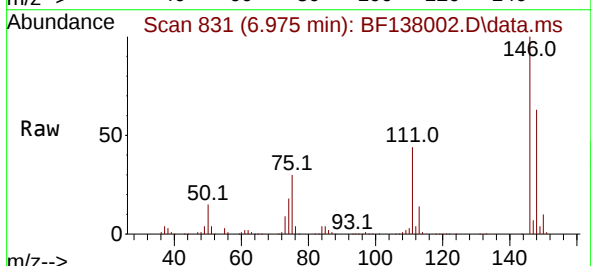
Manual Integrations

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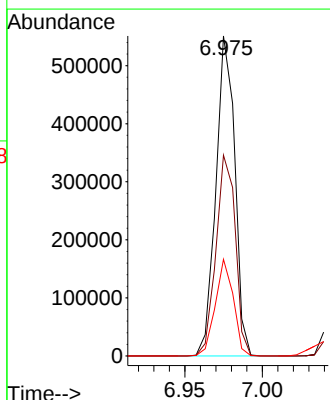
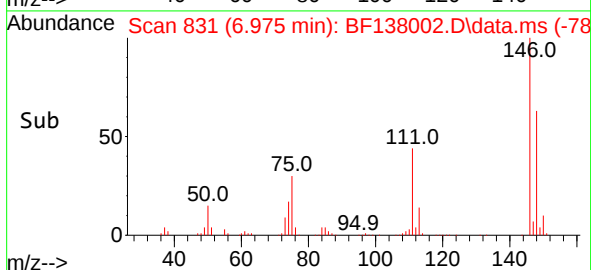
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

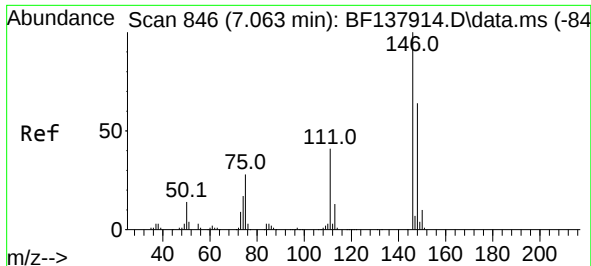


#12
1,3-Dichlorobenzene
Concen: 40.456 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:146 Resp: 468001
Ion Ratio Lower Upper
146 100
148 62.7 51.7 77.5
75 30.2 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 41.184 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

Tgt Ion:146 Resp: 47820

Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.6

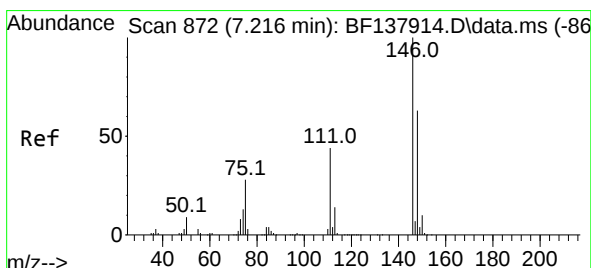
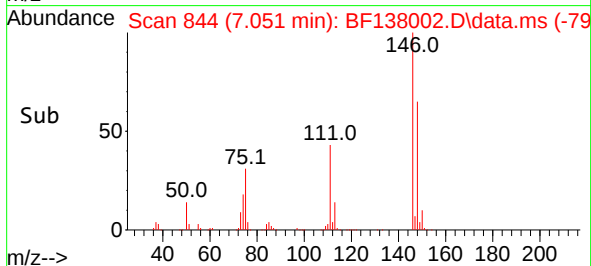
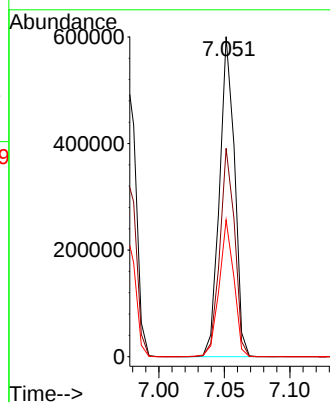
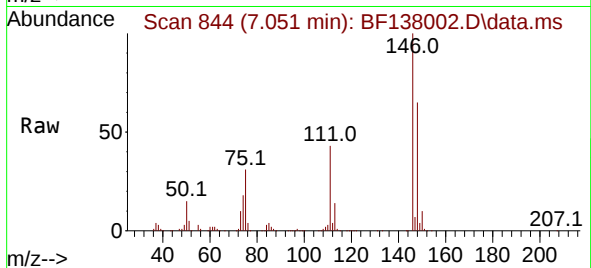
111 42.8 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#14

1,2-Dichlorobenzene

Concen: 42.304 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

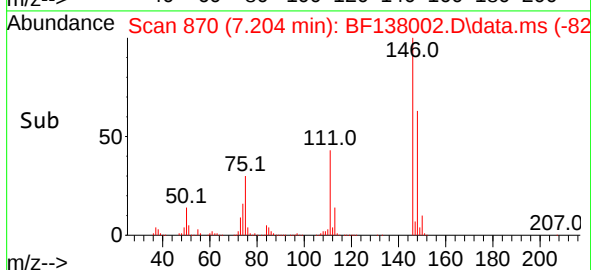
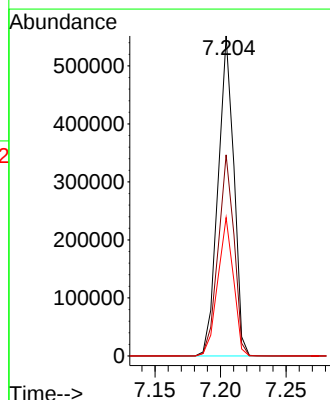
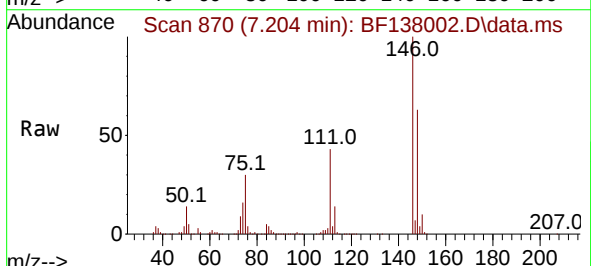
Tgt Ion:146 Resp: 462317

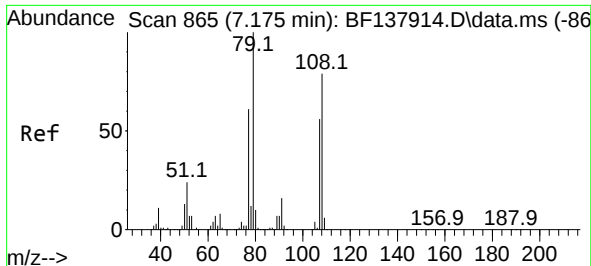
Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.4

111 43.2 35.1 52.7





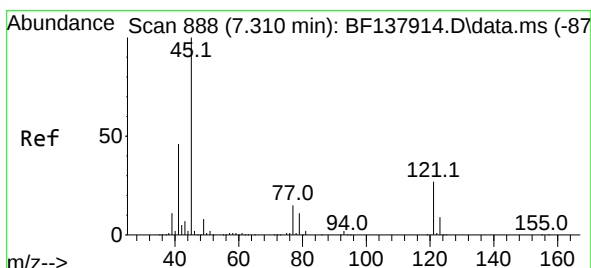
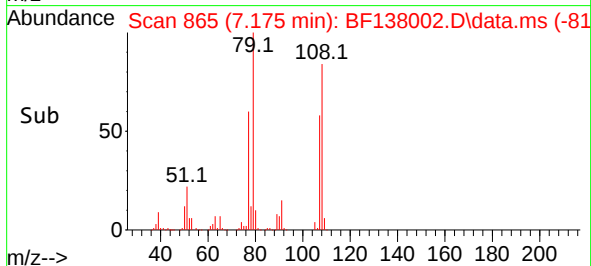
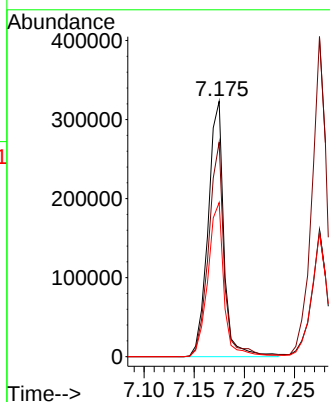
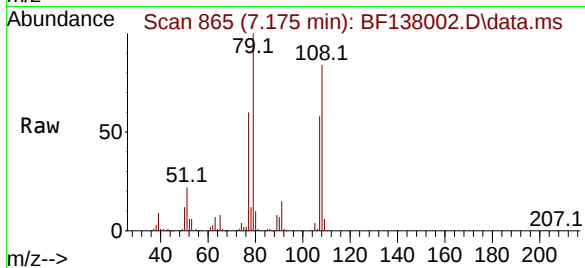
#15
Benzyl Alcohol
Concen: 46.893 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB161034BS

Tgt Ion: 79 Resp: 35636
Ion Ratio Lower Upper
79 100
108 84.0 62.8 94.2
77 60.4 48.7 73.1

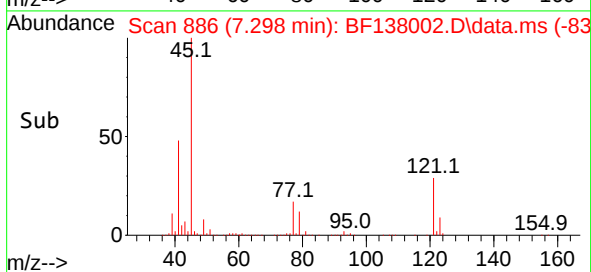
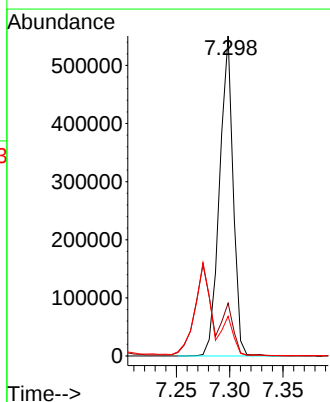
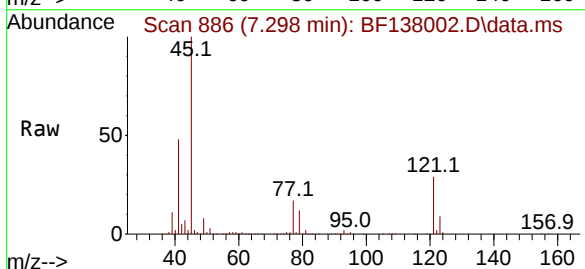
Manual Integrations
APPROVED

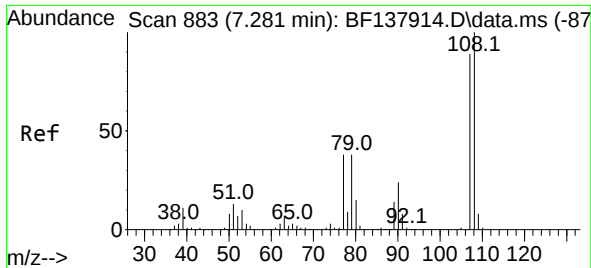
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.789 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion: 45 Resp: 485601
Ion Ratio Lower Upper
45 100
77 16.5 0.0 35.3
79 12.4 0.0 32.1





#17
2-Methylphenol
Concen: 44.392 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

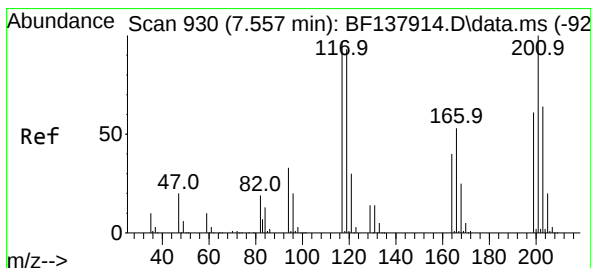
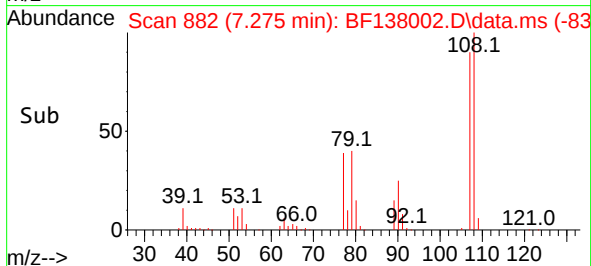
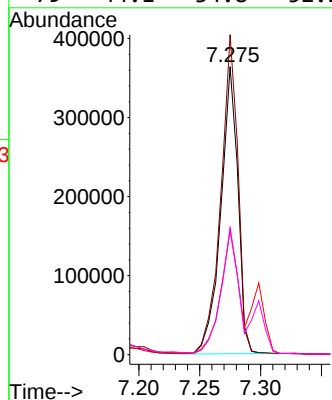
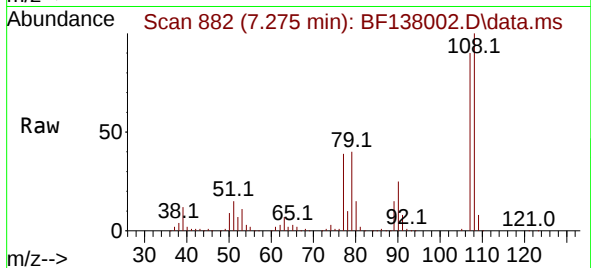
PB161034BS

Tgt Ion:107 Resp: 353960
Ion Ratio Lower Upper
107 100
108 111.1 90.1 135.1
77 43.0 34.3 51.5
79 44.1 34.8 52.2

Manual Integrations

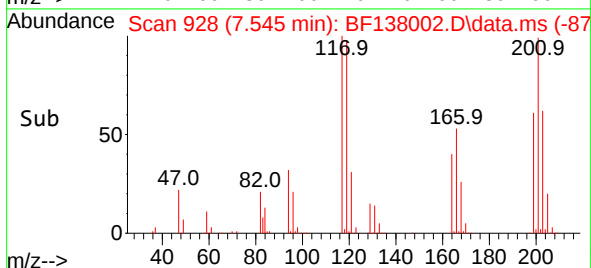
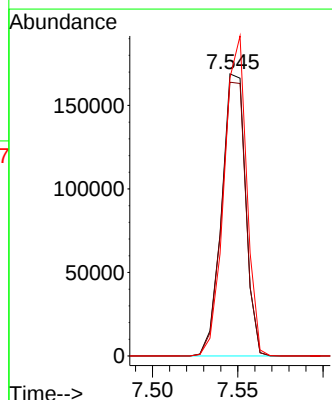
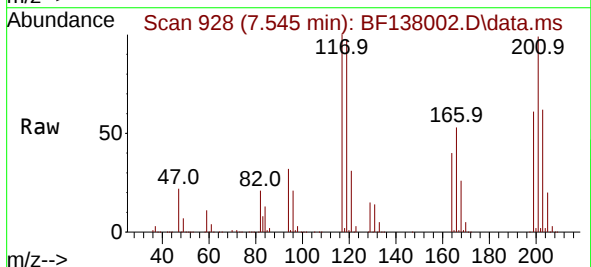
APPROVED

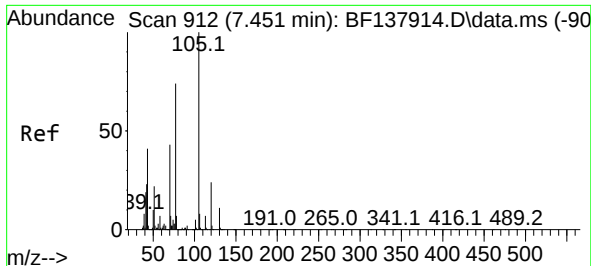
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#18
Hexachloroethane
Concen: 41.962 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:117 Resp: 164879
Ion Ratio Lower Upper
117 100
119 97.0 76.8 115.2
201 98.6 82.7 124.1





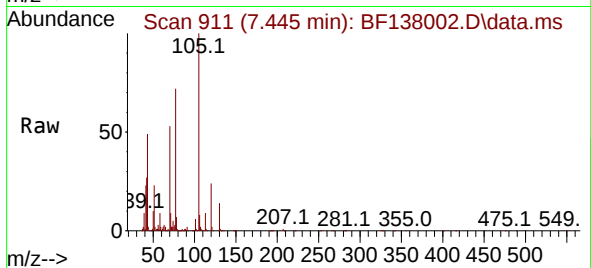
#19
n-Nitroso-di-n-propylamine
Concen: 45.305 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

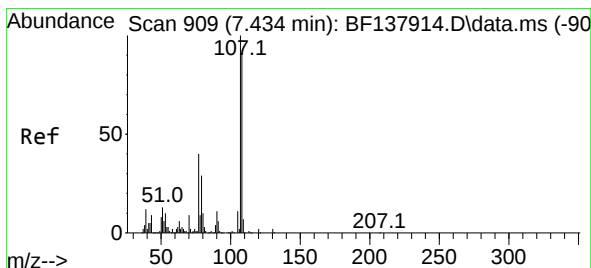
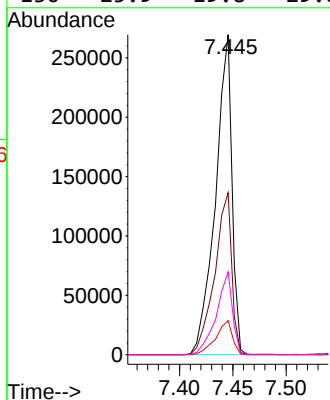
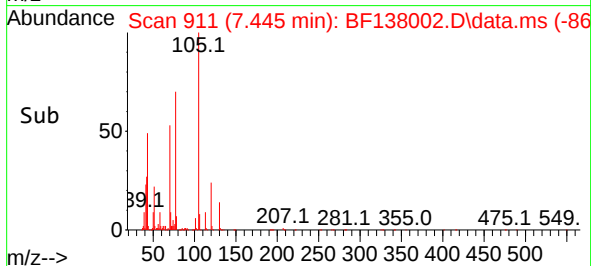
PB161034BS



Tgt Ion: 70 Resp: 28968
Ion Ratio Lower Upper
70 100
42 50.6 42.2 63.4
101 10.7 8.8 13.2
130 25.9 19.8 29.8

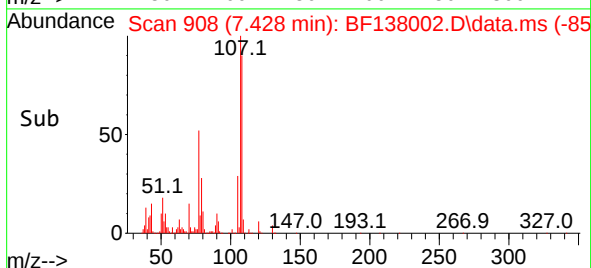
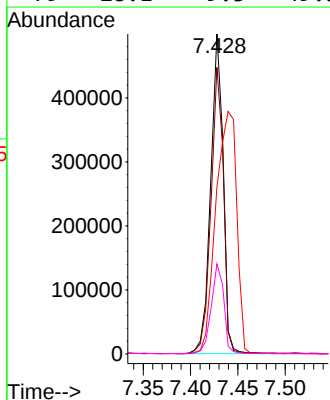
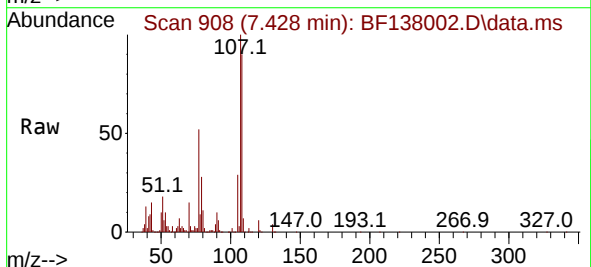
Manual Integrations
APPROVED

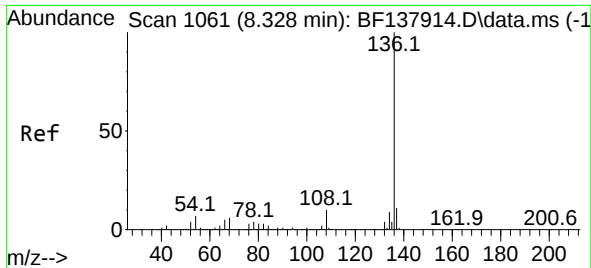
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#20
3+4-Methylphenols
Concen: 43.657 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:107 Resp: 456031
Ion Ratio Lower Upper
107 100
108 89.6 70.8 110.8
77 52.2 20.2 60.2
79 28.1 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

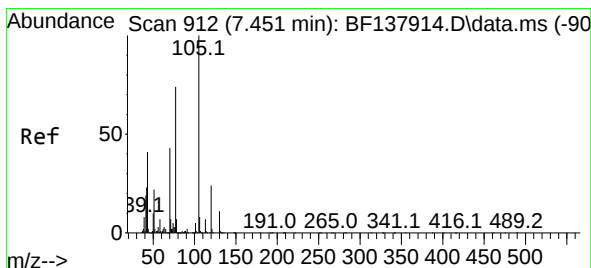
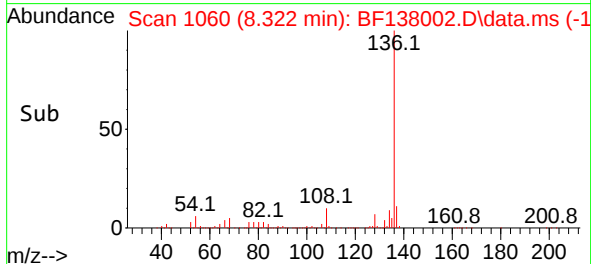
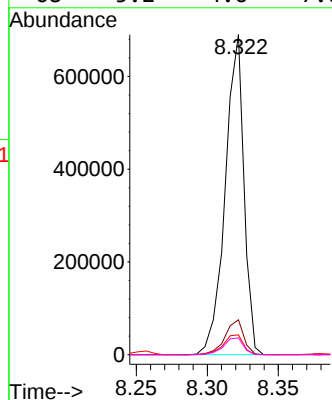
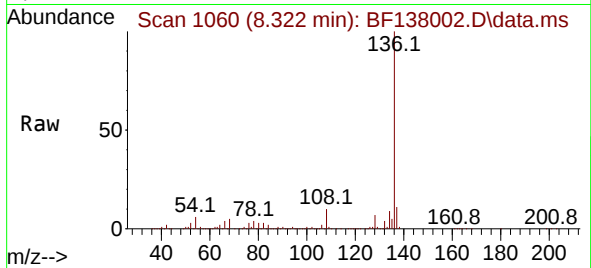
ClientSampleId :

PB161034BS

Tgt Ion:136 Resp: 63140
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.2 5.4 8.2
68 5.2 4.6 7.0

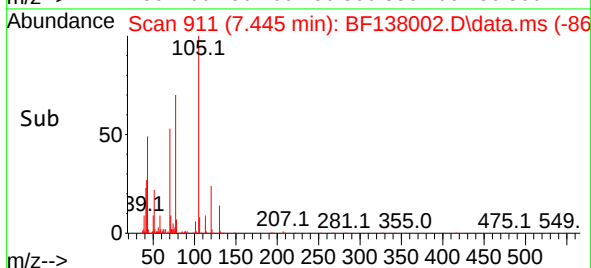
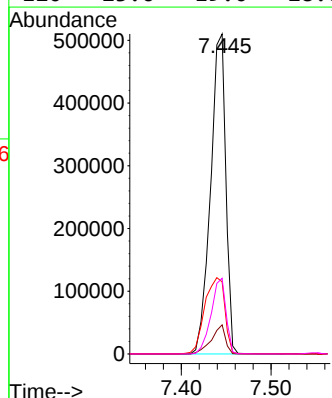
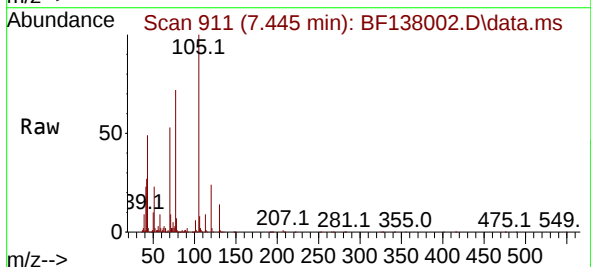
Manual Integrations
APPROVED

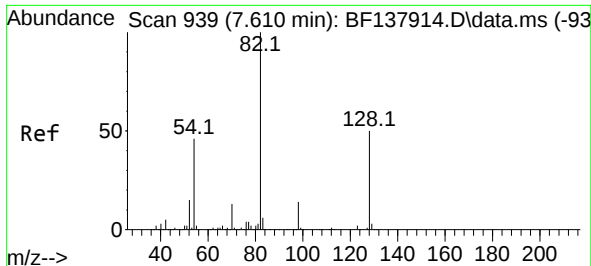
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#22
Acetophenone
Concen: 42.585 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:105 Resp: 602346
Ion Ratio Lower Upper
105 100
71 9.1 5.7 8.5#
51 22.5 17.8 26.8
120 23.6 19.0 28.6





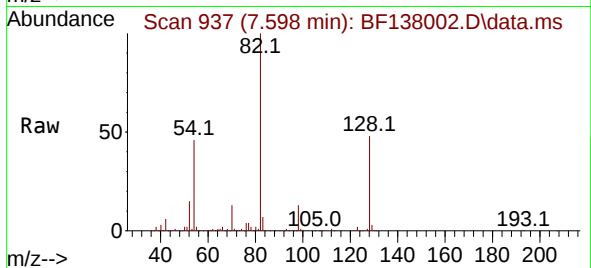
#23
Nitrobenzene-d5
Concen: 79.279 ng
RT: 7.598 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

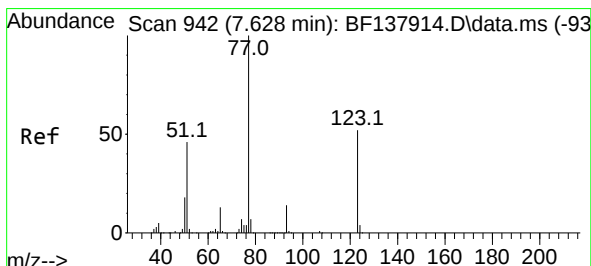
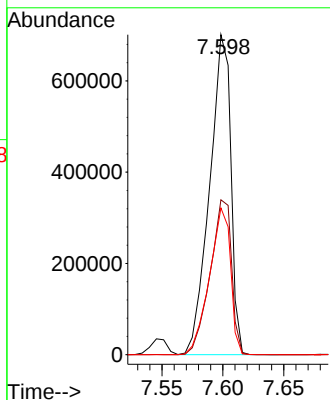
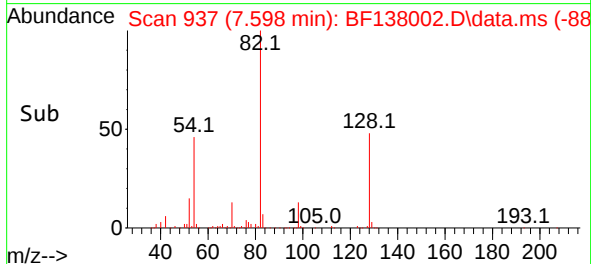
PB161034BS



Tgt Ion: 82 Resp: 85058
Ion Ratio Lower Upper
82 100
128 48.4 40.3 60.5
54 45.9 36.8 55.2

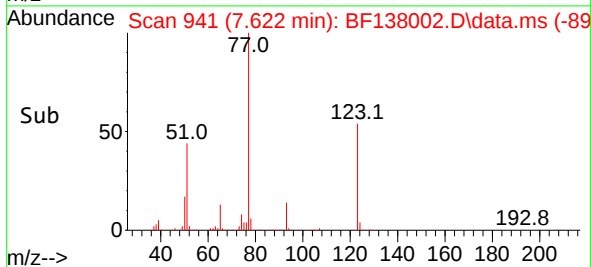
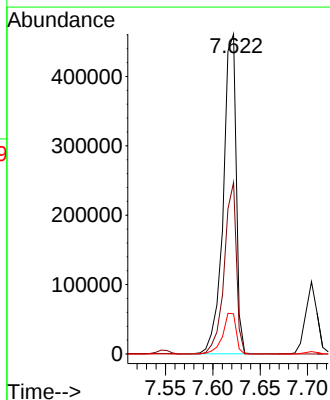
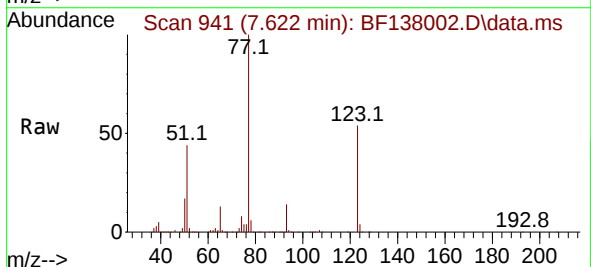
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#24
Nitrobenzene
Concen: 40.325 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

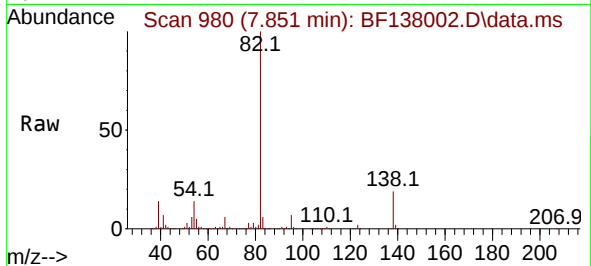
Tgt Ion: 77 Resp: 438901
Ion Ratio Lower Upper
77 100
123 53.6 41.4 62.2
65 12.6 10.5 15.7





#25
Isophorone
Concen: 43.653 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

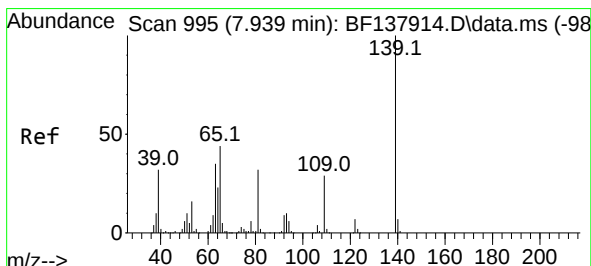
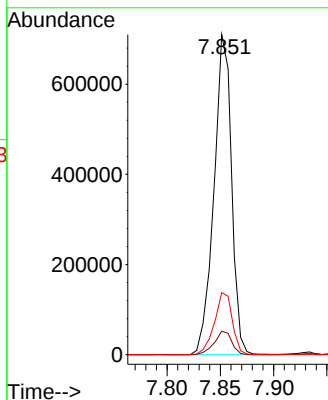
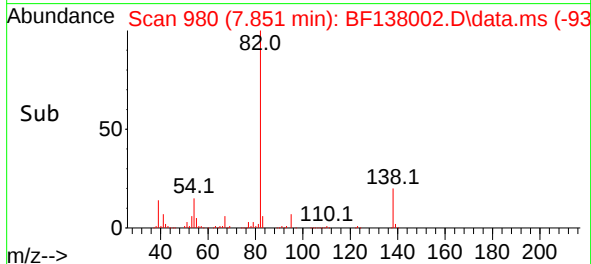
Instrument :
BNA_F
ClientSampleId :
PB161034BS



Tgt Ion: 82 Resp: 812860
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.4 15.0 22.4

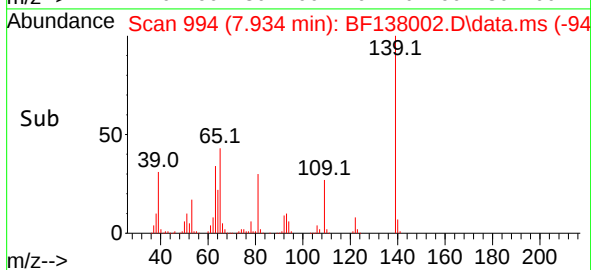
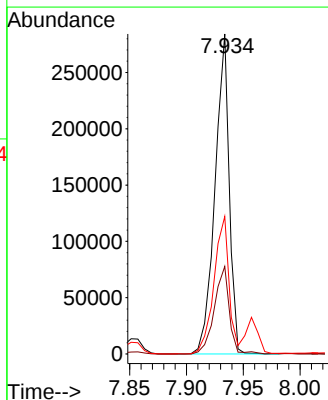
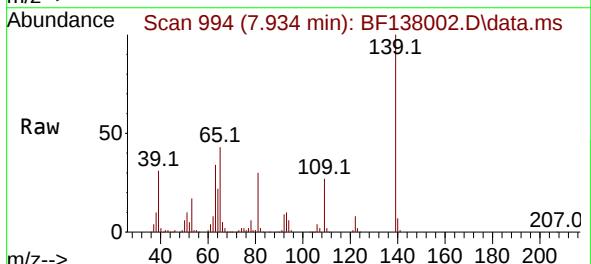
Manual Integrations
APPROVED

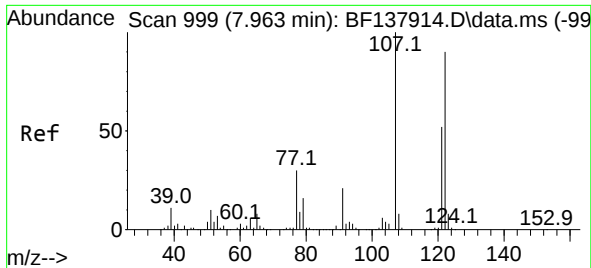
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#26
2-Nitrophenol
Concen: 45.291 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:139 Resp: 247692
Ion Ratio Lower Upper
139 100
109 27.3 22.8 34.2
65 42.9 35.2 52.8





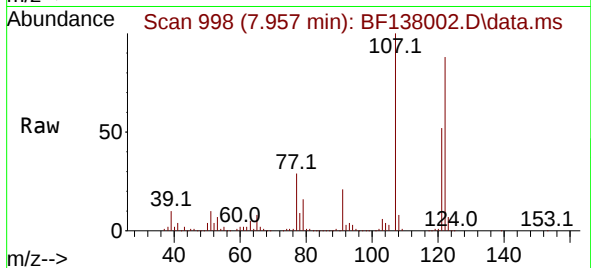
#27
2,4-Dimethylphenol
Concen: 46.906 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



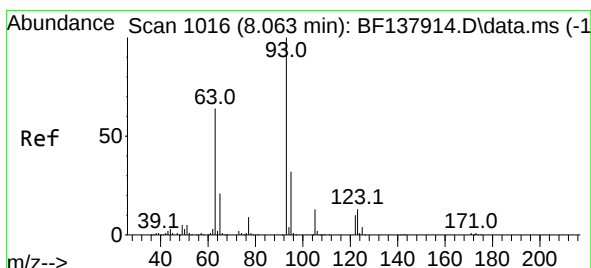
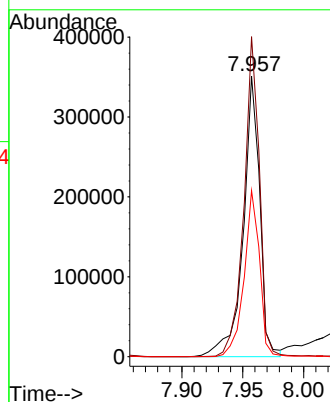
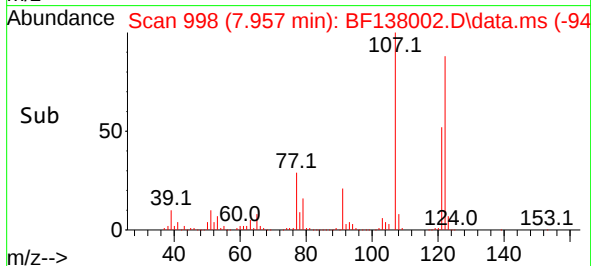
Tgt Ion:122 Resp: 330272
Ion Ratio Lower Upper
122 100
107 114.0 89.0 133.4
121 59.2 46.2 69.4

Manual Integrations

APPROVED

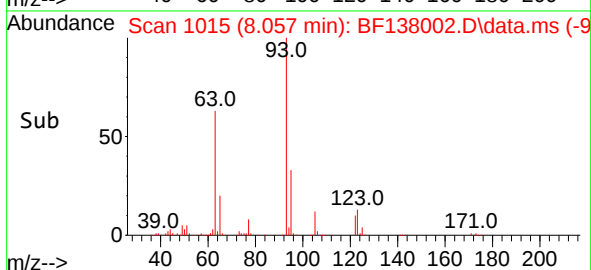
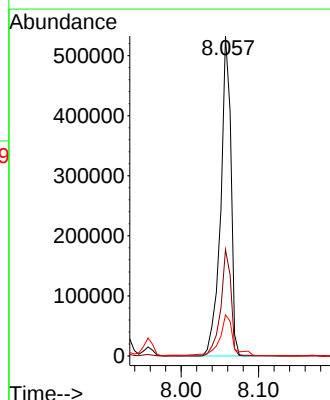
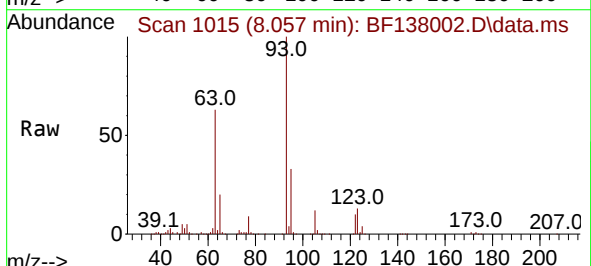
Reviewed By :Yogesh Patel 05/24/2024

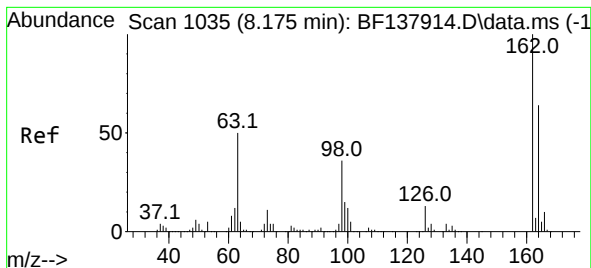
Supervised By :mohammad ahmed 05/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.619 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion: 93 Resp: 492263
Ion Ratio Lower Upper
93 100
95 33.3 25.9 38.9
123 12.8 10.4 15.6





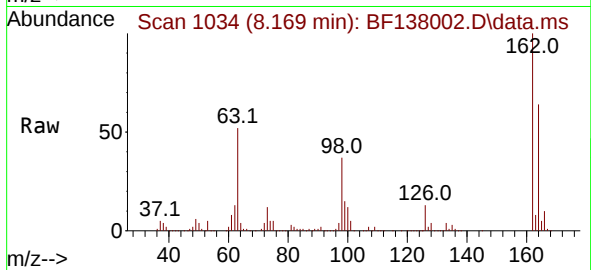
#29
2,4-Dichlorophenol
Concen: 44.419 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

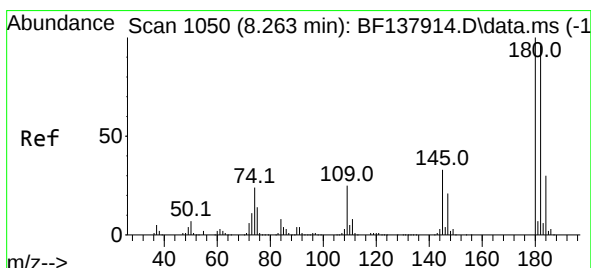
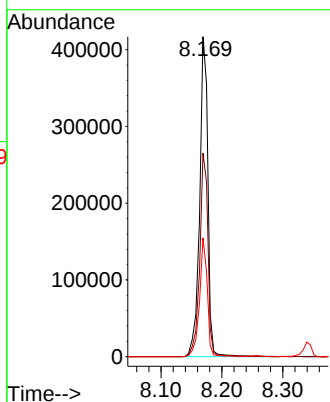
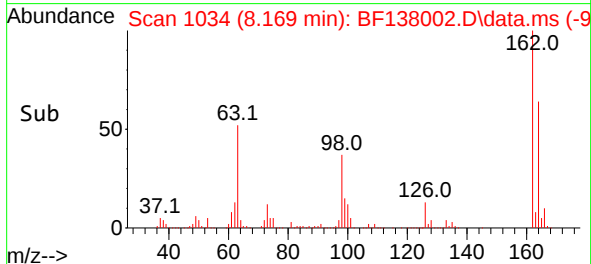


Tgt Ion:162 Resp: 393299
Ion Ratio Lower Upper
162 100
164 63.6 44.3 84.3
98 37.1 15.8 55.8

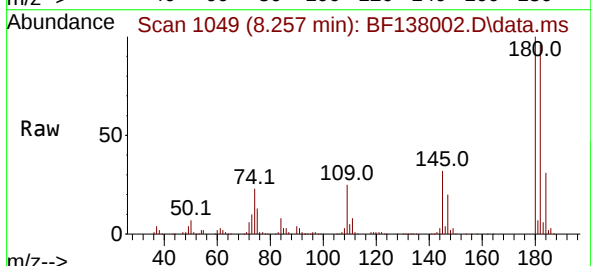
Manual Integrations

APPROVED

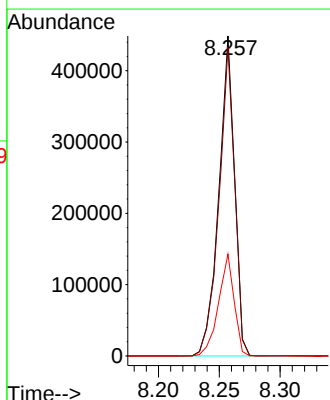
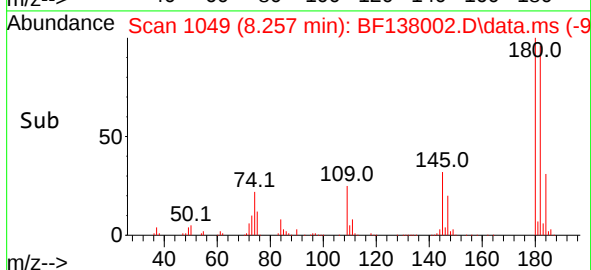
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.998 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:180 Resp: 405299
Ion Ratio Lower Upper
180 100
182 96.4 76.5 114.7
145 31.8 26.2 39.2





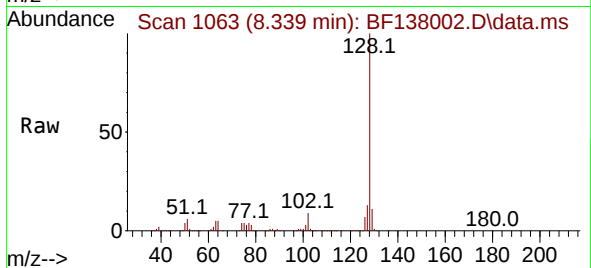
#31
Naphthalene
Concen: 41.105 ng
RT: 8.339 min Scan# 1065
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



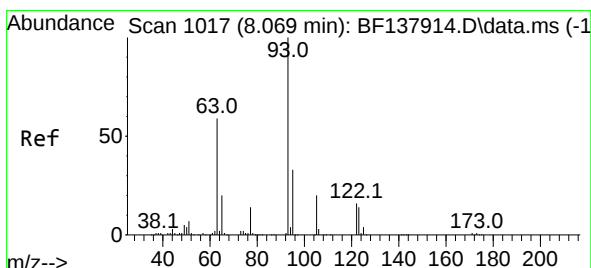
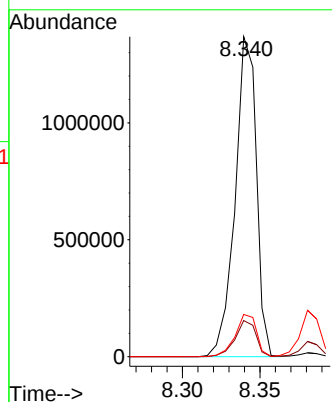
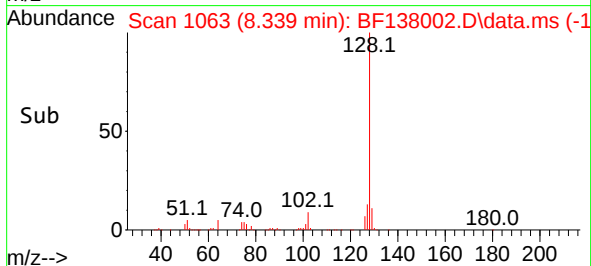
Tgt Ion:128 Resp: 130497
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.6 16.0

Manual Integrations

APPROVED

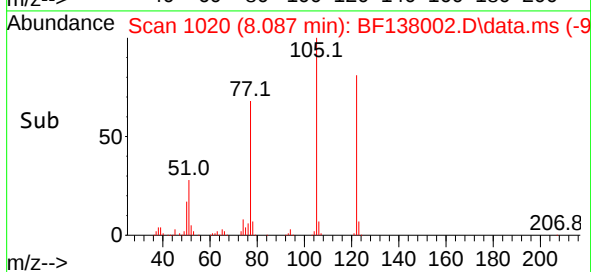
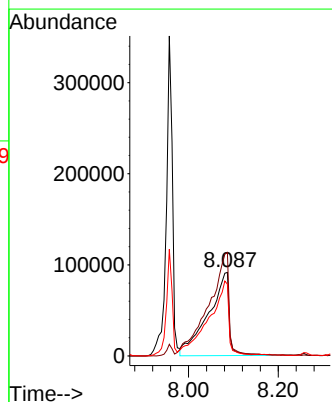
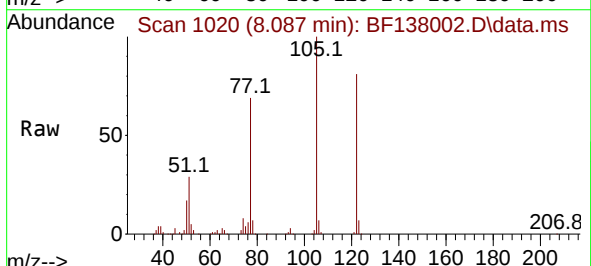
Reviewed By :Yogesh Patel 05/24/2024

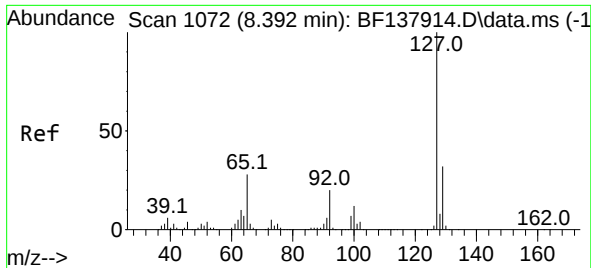
Supervised By :mohammad ahmed 05/24/2024



#32
Benzoic acid
Concen: 49.804 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:122 Resp: 296434
Ion Ratio Lower Upper
122 100
105 124.0 103.8 143.8
77 86.0 68.4 108.4





#33
4-Chloroaniline
Concen: 17.976 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

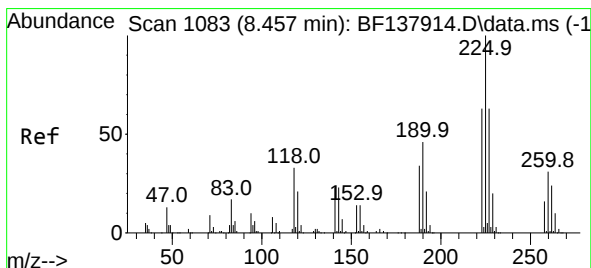
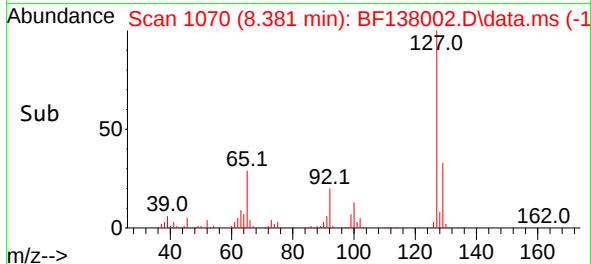
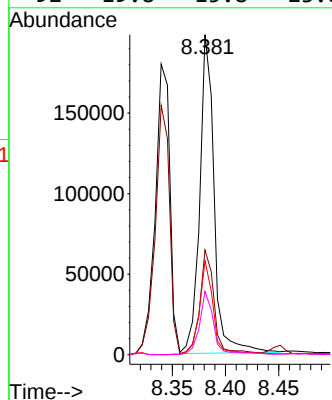
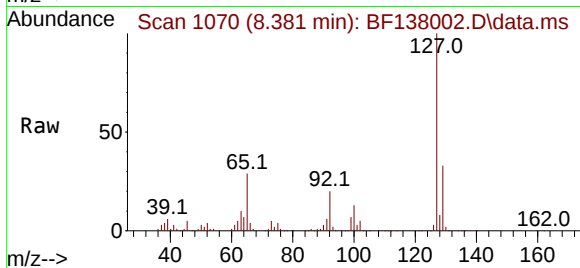
PB161034BS

Tgt Ion:127 Resp: 18708
Ion Ratio Lower Upper
127 100
129 32.7 25.4 38.2
65 29.4 22.0 33.0
92 19.8 15.8 23.8

Manual Integrations

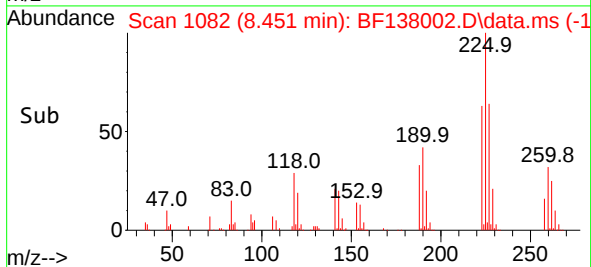
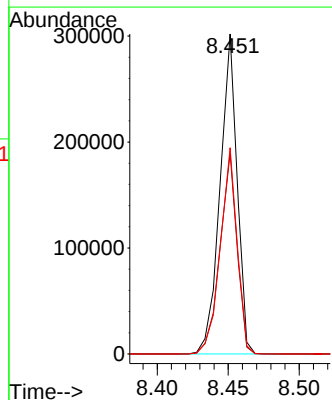
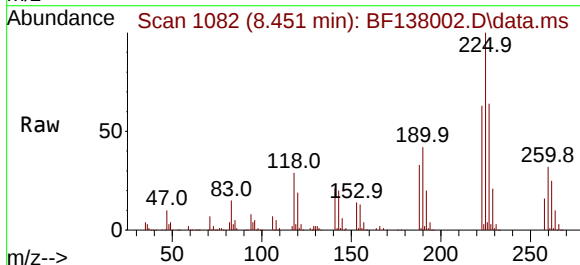
APPROVED

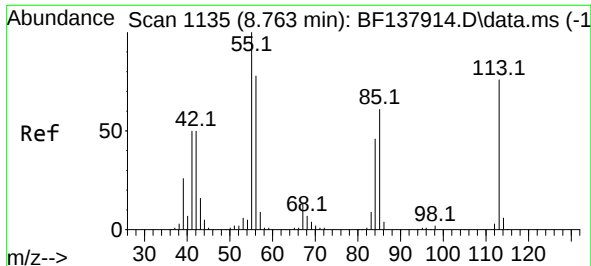
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#34
Hexachlorobutadiene
Concen: 40.275 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

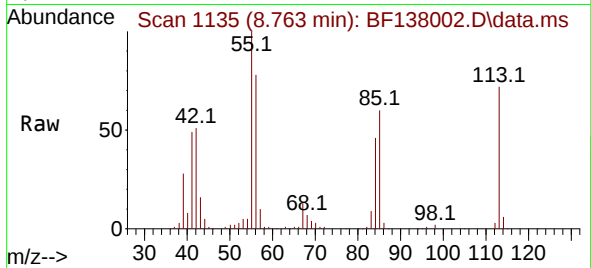
Tgt Ion:225 Resp: 252017
Ion Ratio Lower Upper
225 100
223 62.8 50.0 75.0
227 64.4 50.2 75.4





#35
 Caprolactam
 Concen: 48.347 ng m
 RT: 8.763 min Scan# 1135
 Delta R.T. 0.000 min
 Lab File: BF138002.D
 Acq: 22 May 2024 13:13

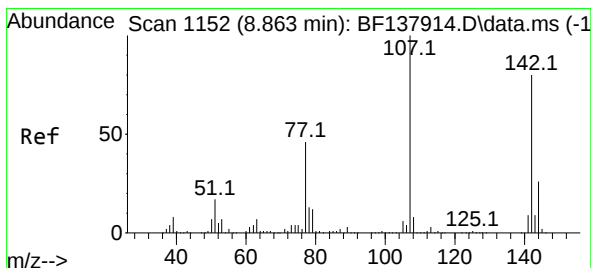
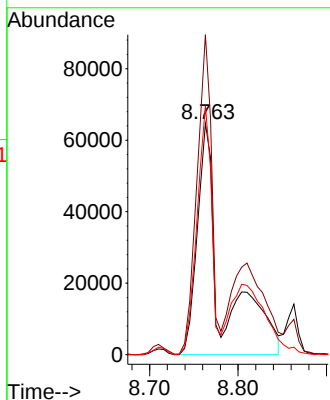
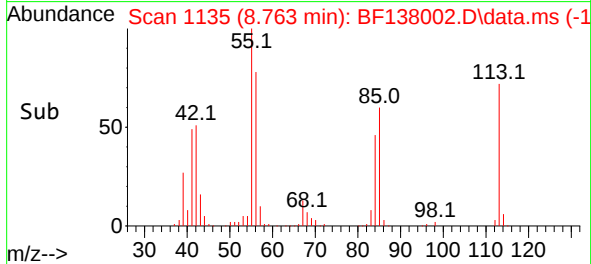
Instrument :
 BNA_F
 ClientSampleId :
 PB161034BS



Tgt Ion:113 Resp: 12402
 Ion Ratio Lower Upper
 113 100
 55 138.4 112.3 152.3
 56 107.6 82.7 122.7

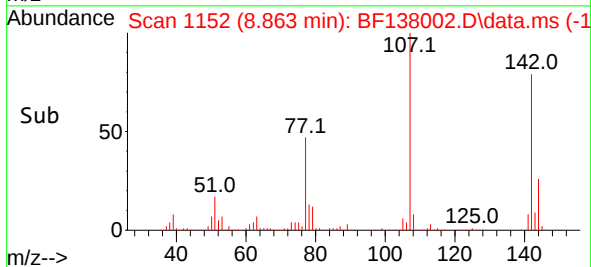
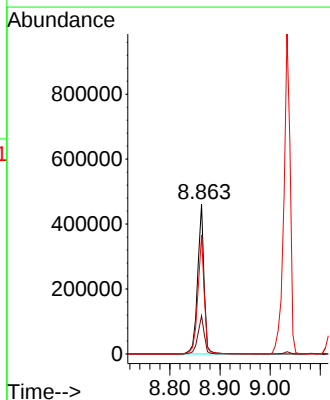
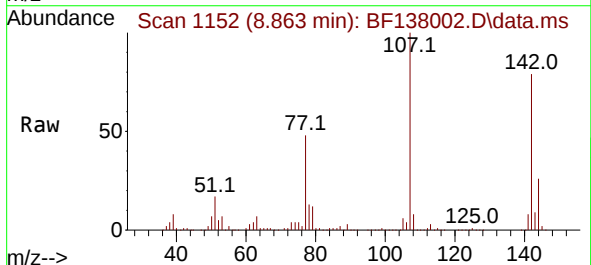
Manual Integrations
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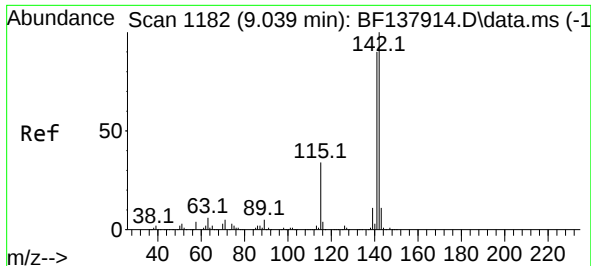
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024



#36
 4-Chloro-3-methylphenol
 Concen: 45.115 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF138002.D
 Acq: 22 May 2024 13:13

Tgt Ion:107 Resp: 406351
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.7 31.1
 142 79.2 64.0 96.0





#37

2-Methylnaphthalene

Concen: 42.593 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

Tgt Ion:142 Resp: 869194

Ion Ratio Lower Upper

142 100

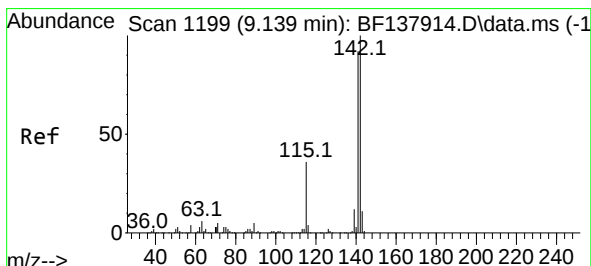
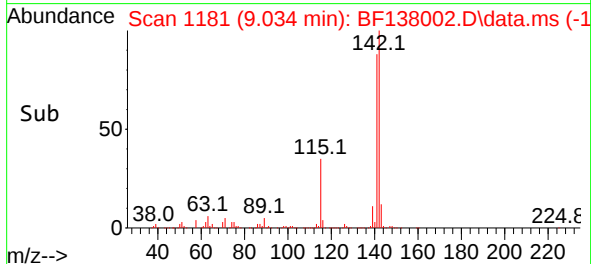
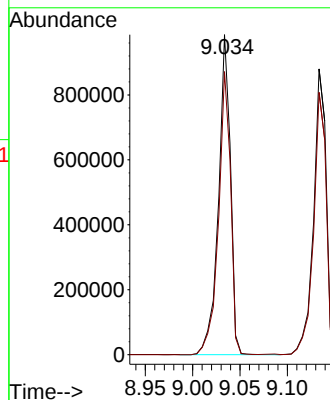
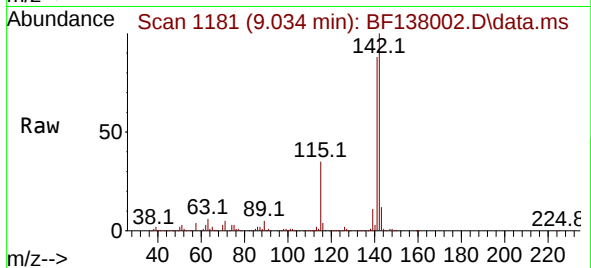
141 88.5 72.0 108.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#38

1-Methylnaphthalene

Concen: 40.451 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138002.D

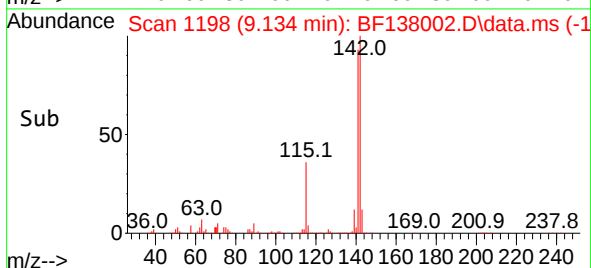
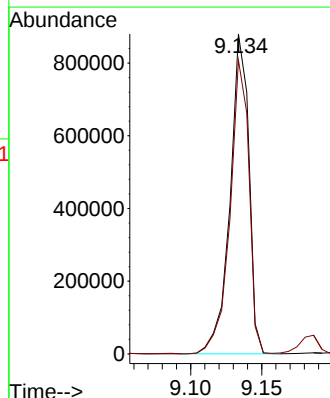
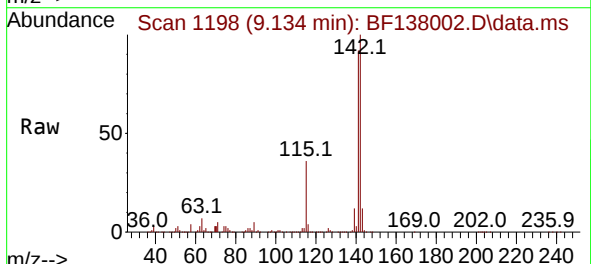
Acq: 22 May 2024 13:13

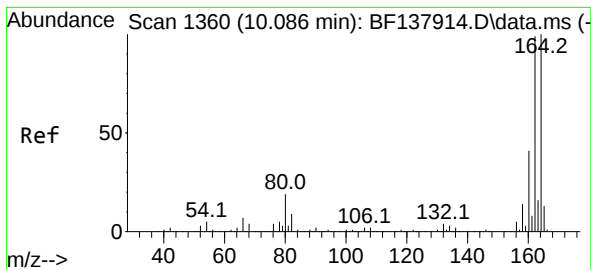
Tgt Ion:142 Resp: 811542

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5





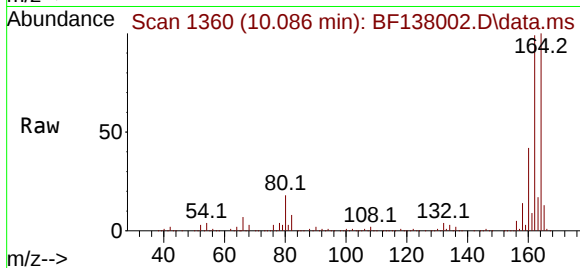
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



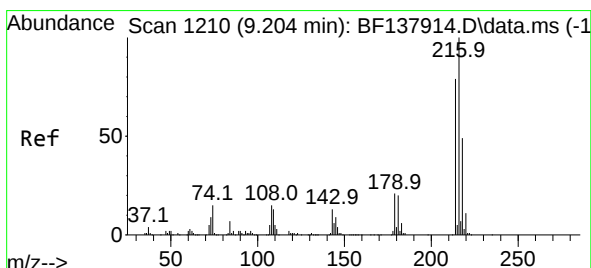
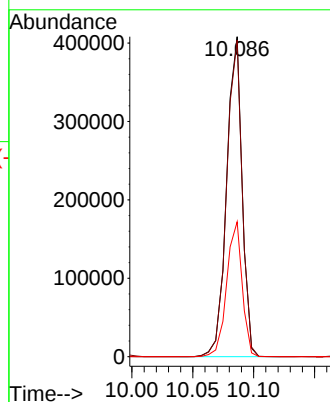
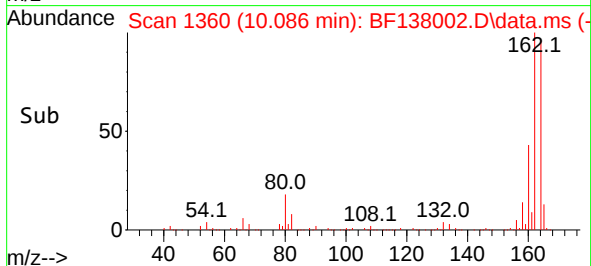
Tgt Ion:164 Resp: 361308
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.2
160 42.2 33.1 49.7

Manual Integrations

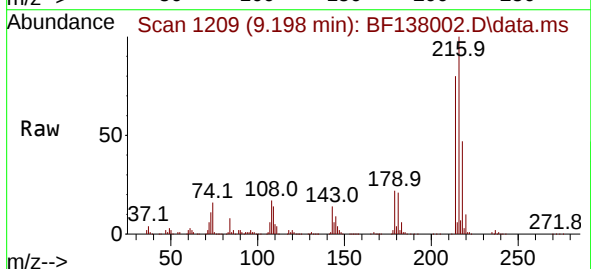
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

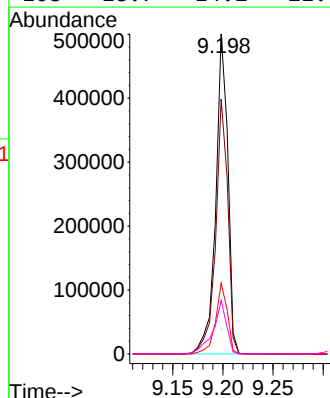
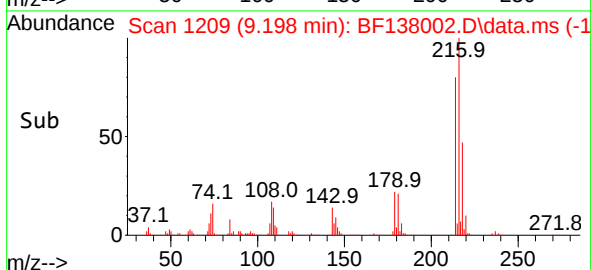
Supervised By :mohammad ahmed 05/24/2024

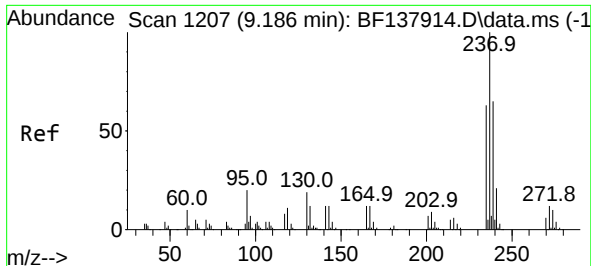


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.776 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:216 Resp: 420172
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.2
179 21.6 17.0 25.4
108 18.7 14.2 21.4





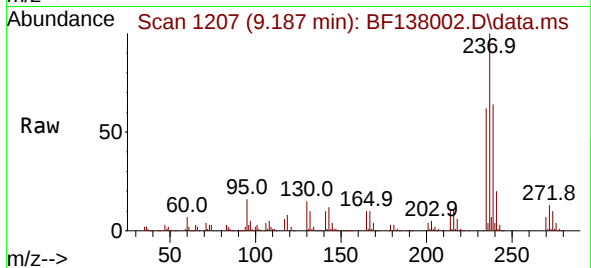
#41
Hexachlorocyclopentadiene
Concen: 120.021 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

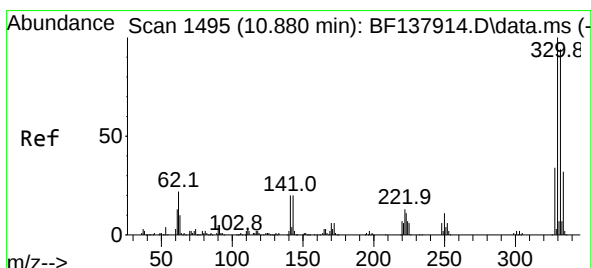
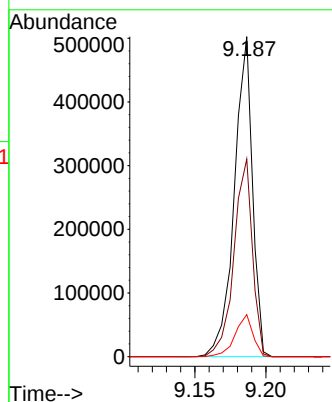
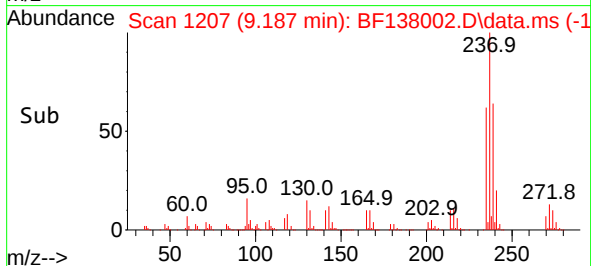
PB161034BS



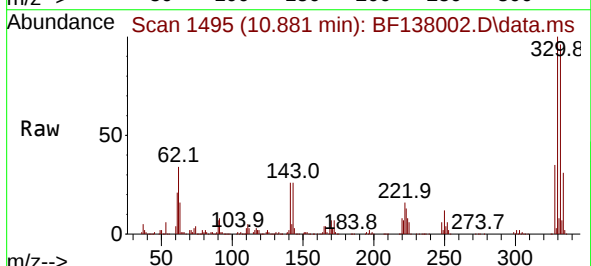
Tgt Ion:237 Resp: 447959
Ion Ratio Lower Upper
237 100
235 61.8 42.8 82.8
272 13.1 0.0 32.0

Manual Integrations
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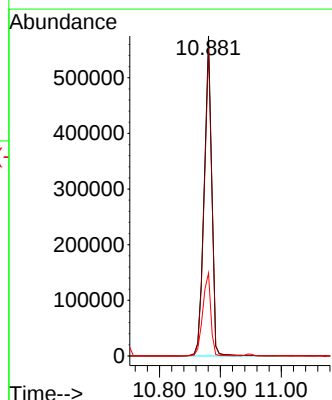
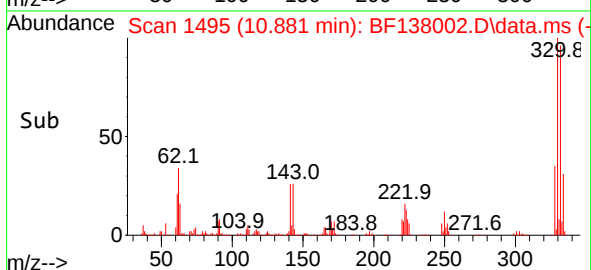
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

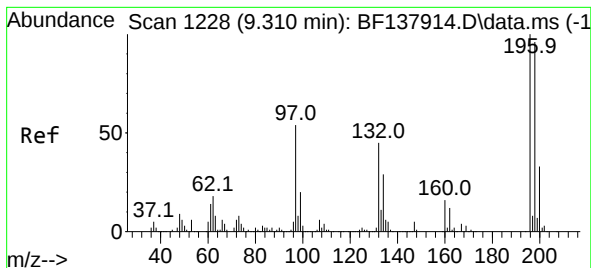


#42
2,4,6-Tribromophenol
Concen: 136.376 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:330 Resp: 496825
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.8
141 27.5 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 45.171 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF138002.D

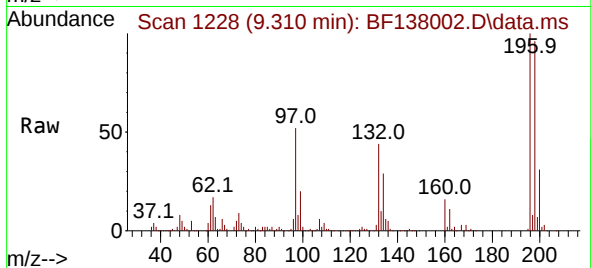
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



Tgt Ion:196 Resp: 290910

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.4

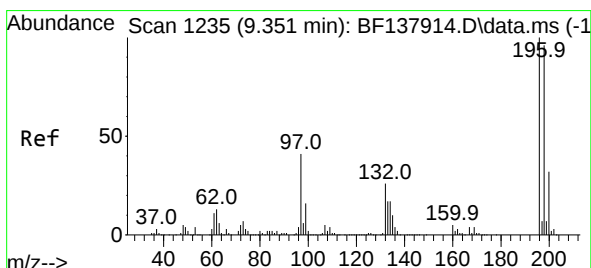
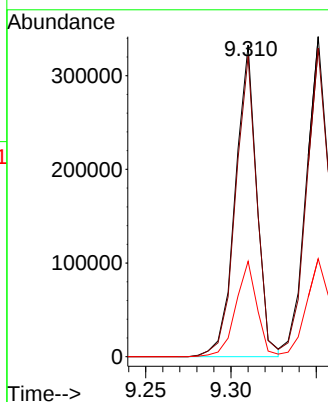
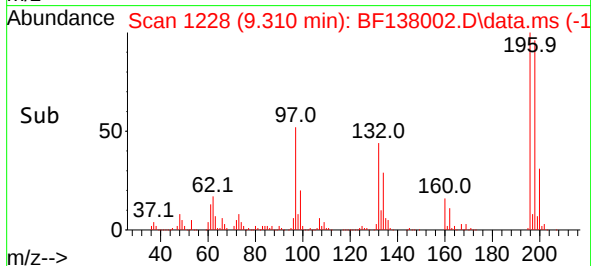
200 30.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#44

2,4,5-Trichlorophenol

Concen: 44.732 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Tgt Ion:196 Resp: 315221

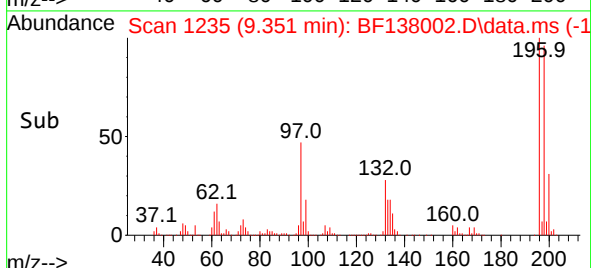
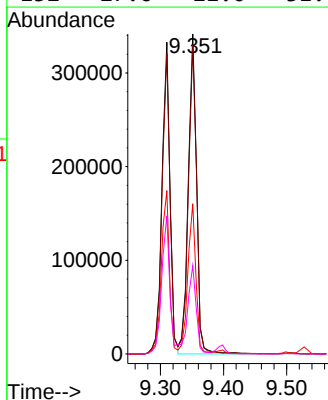
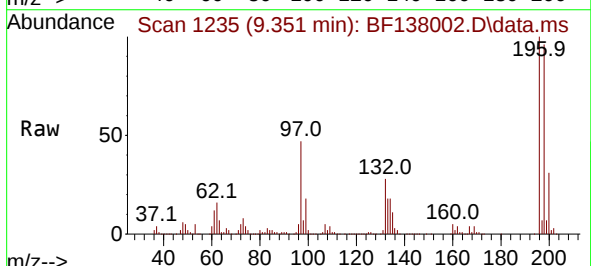
Ion Ratio Lower Upper

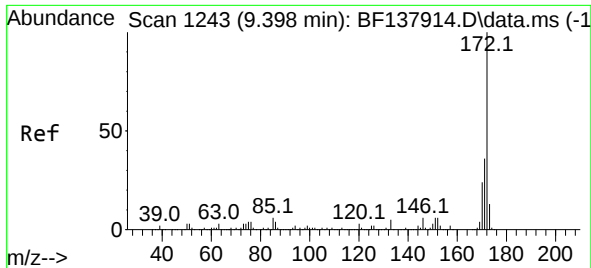
196 100

198 96.4 77.4 116.0

97 46.9 32.9 49.3

132 27.6 21.0 31.6





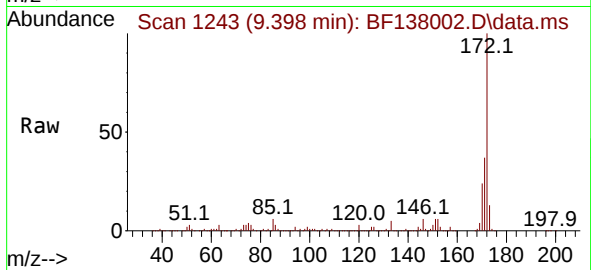
#45
2-Fluorobiphenyl
Concen: 78.425 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

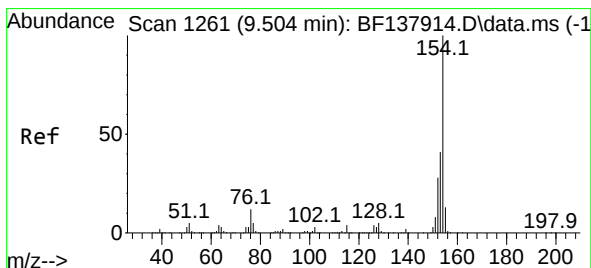
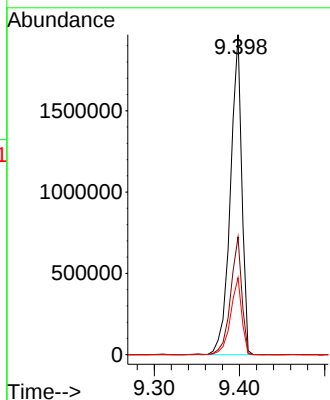
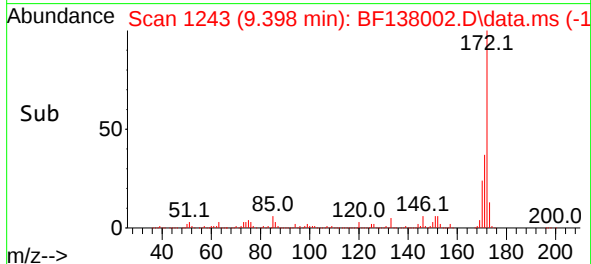


Tgt Ion:172 Resp: 1839508
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 24.0 18.9 28.3

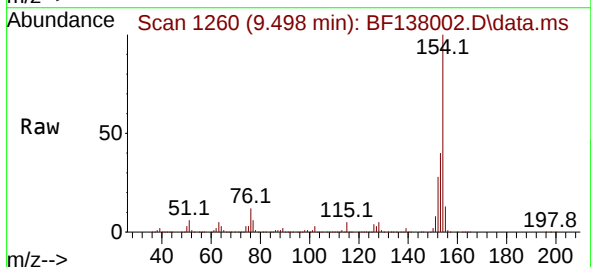
Manual Integrations

APPROVED

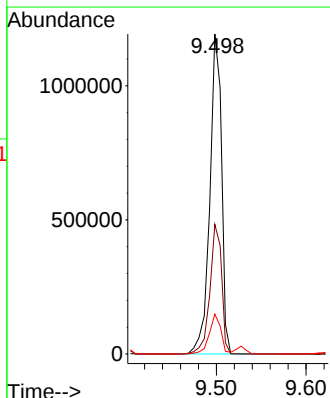
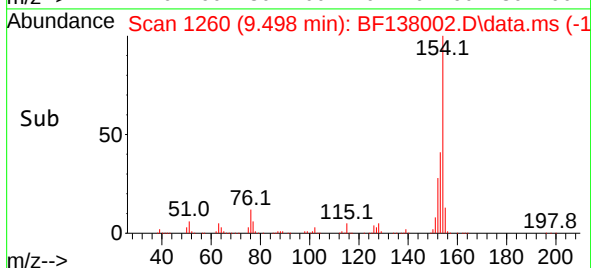
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

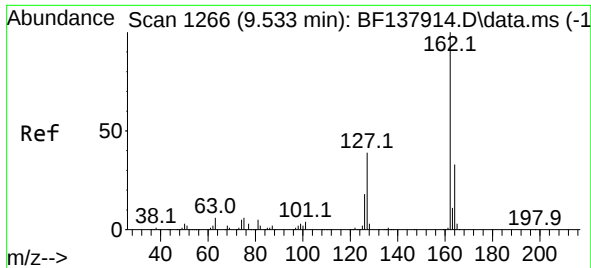


#46
1,1'-Biphenyl
Concen: 42.693 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:154 Resp: 1081921
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 12.5 0.0 31.9





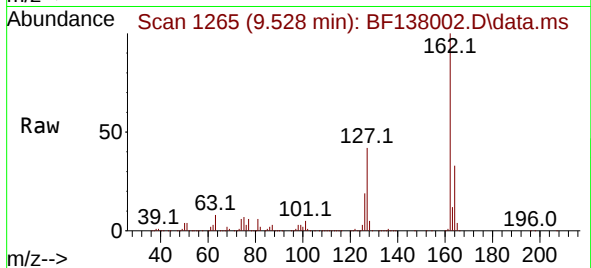
#47
2-Chloronaphthalene
Concen: 41.638 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

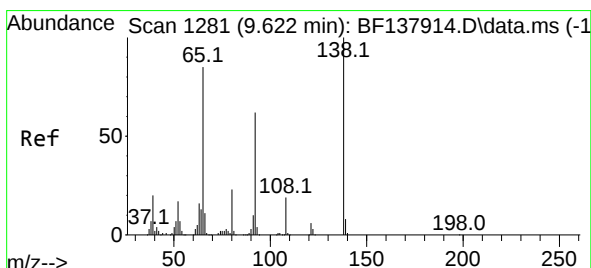
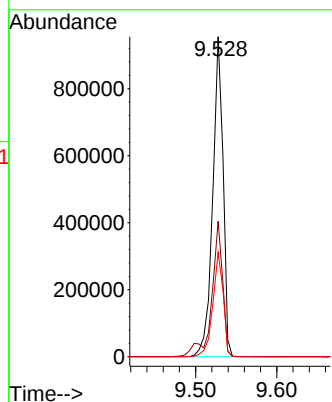
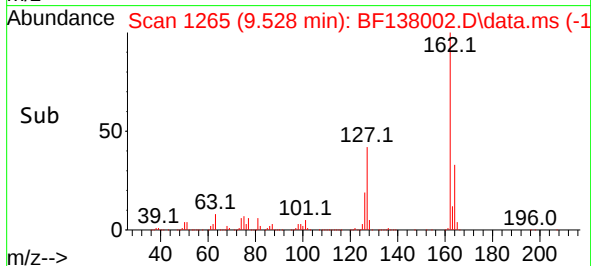


Tgt Ion:162 Resp: 842319
Ion Ratio Lower Upper
162 100
127 42.3 32.0 48.0
164 32.6 26.2 39.4

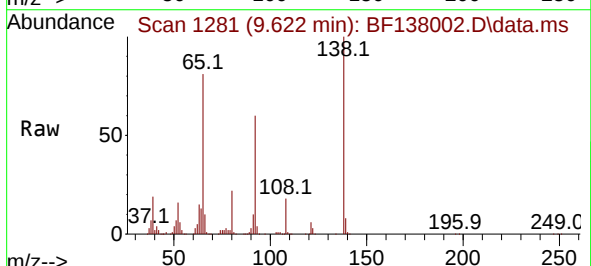
Manual Integrations

APPROVED

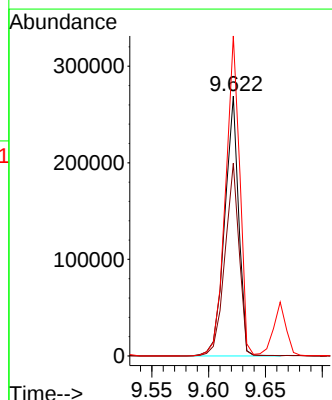
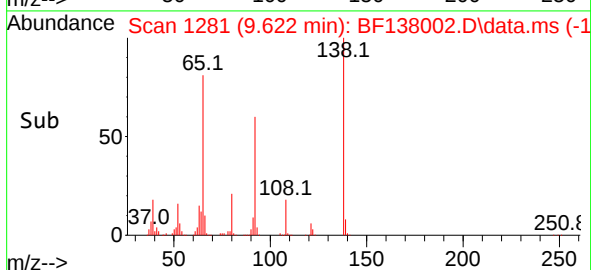
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

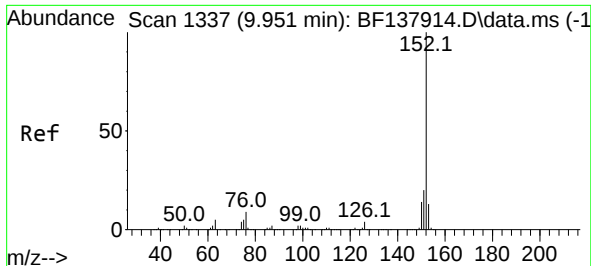


#48
2-Nitroaniline
Concen: 44.836 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion: 65 Resp: 232262
Ion Ratio Lower Upper
65 100
92 74.2 58.6 88.0
138 123.1 94.1 141.1





#49

Acenaphthylene

Concen: 46.177 ng

RT: 9.945 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF138002.D

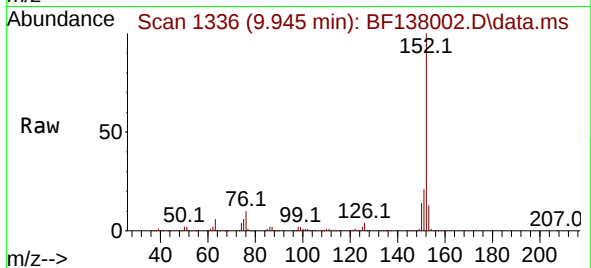
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



Tgt Ion:152 Resp: 134316

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

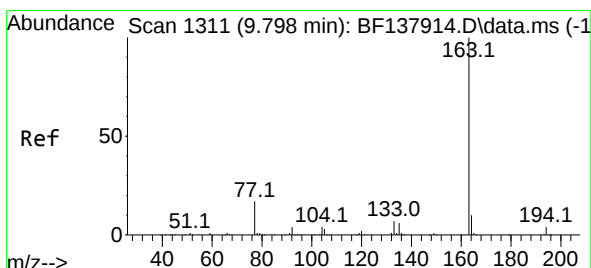
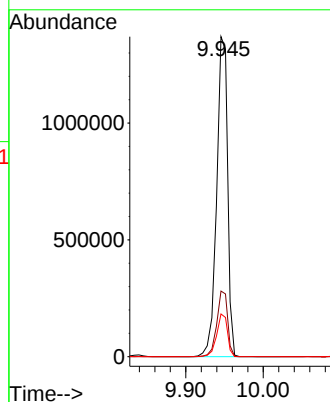
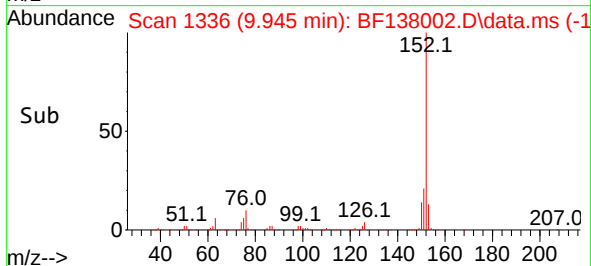
153 13.4 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#50

Dimethylphthalate

Concen: 45.564 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

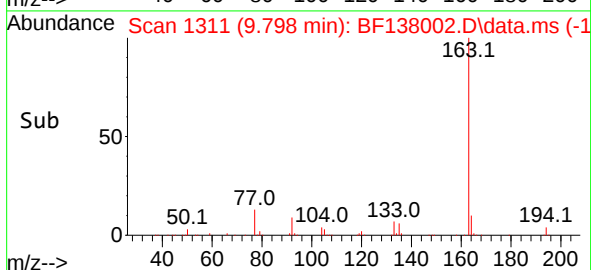
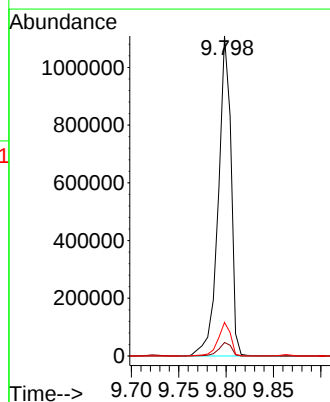
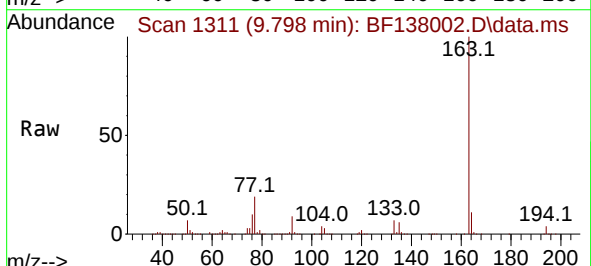
Tgt Ion:163 Resp: 1032340

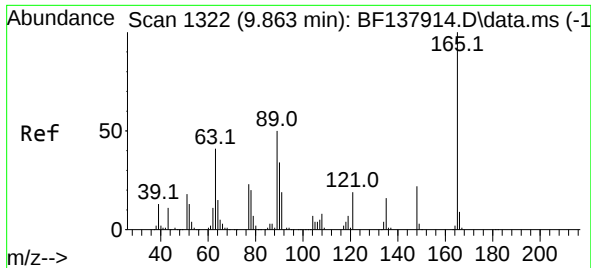
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.5 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 43.980 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

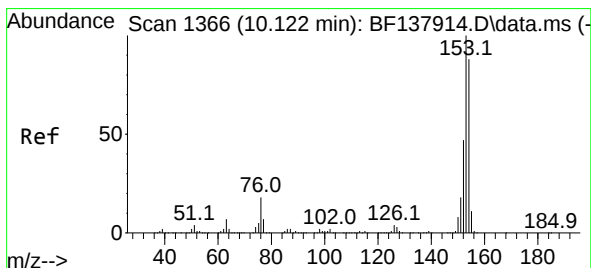
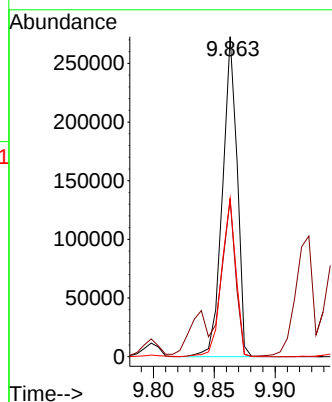
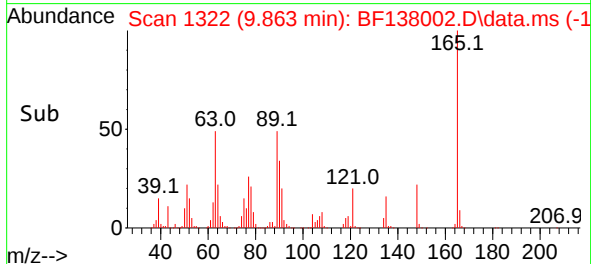
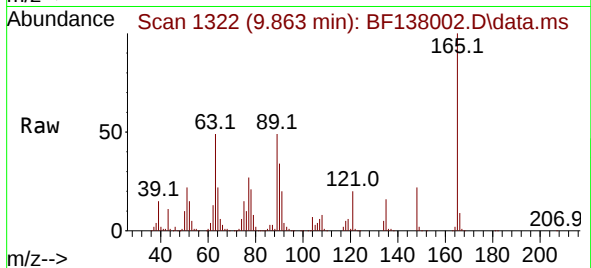
PB161034BS

Tgt Ion:165 Resp: 228699
Ion Ratio Lower Upper
165 100
63 49.2 38.9 58.3
89 49.5 40.4 60.6

Manual Integrations

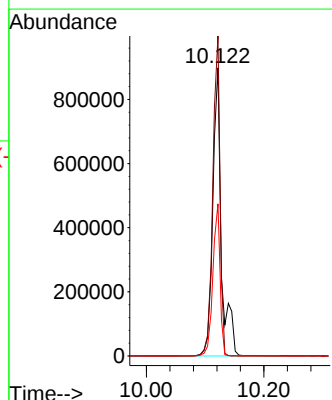
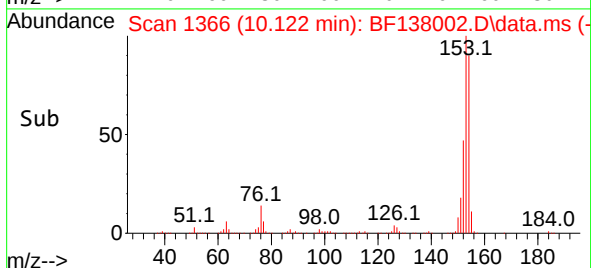
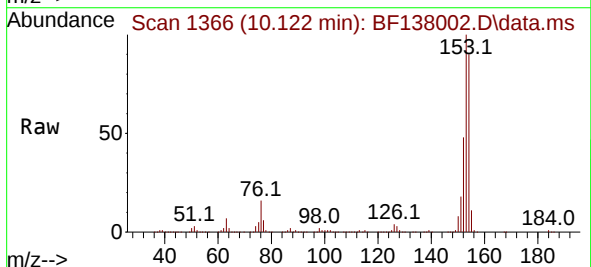
APPROVED

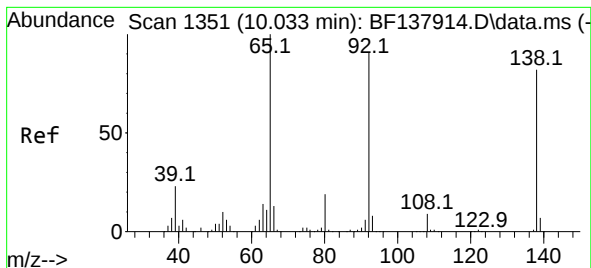
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#52
Acenaphthene
Concen: 47.660 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

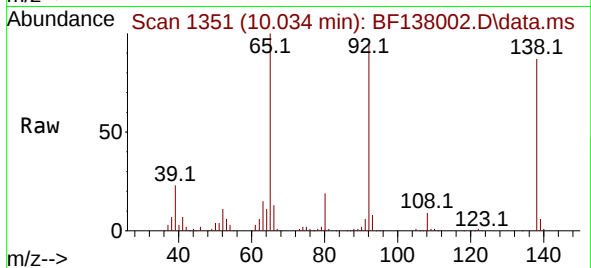
Tgt Ion:154 Resp: 916254
Ion Ratio Lower Upper
154 100
153 111.0 90.4 135.6
152 52.8 42.3 63.5





#53
3-Nitroaniline
Concen: 31.970 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

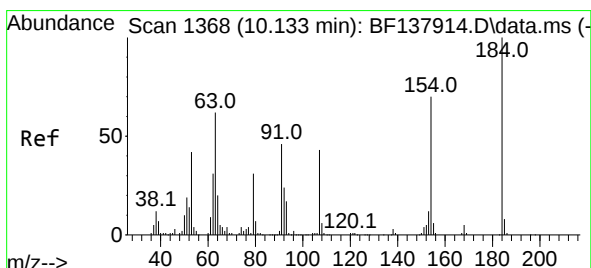
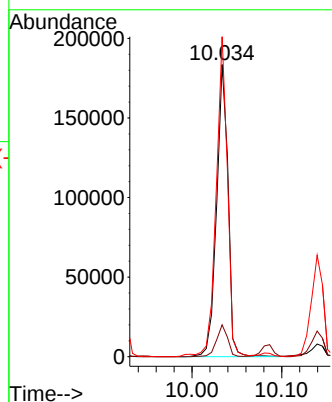
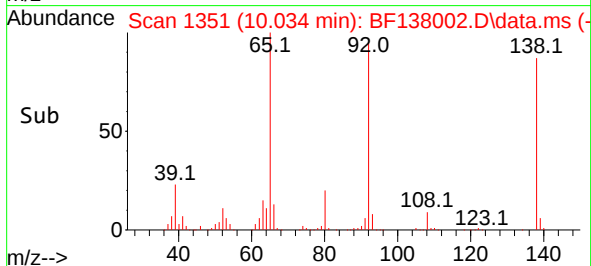
Instrument :
BNA_F
ClientSampleId :
PB161034BS



Tgt Ion:138 Resp: 16252
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 109.5 88.6 133.0

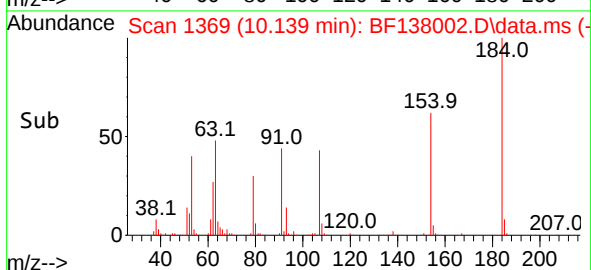
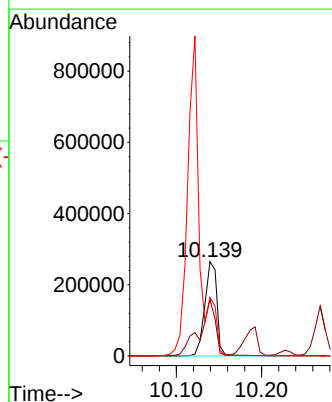
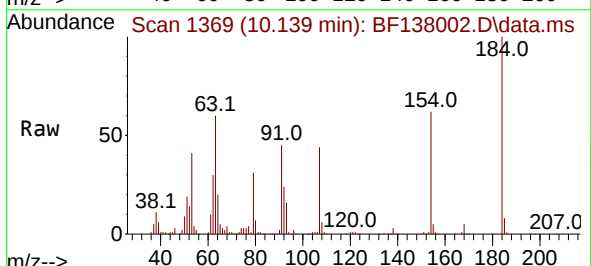
Manual Integrations
APPROVED

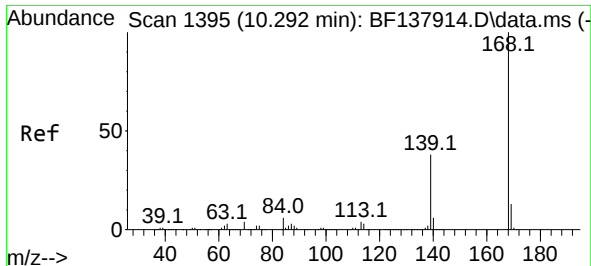
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#54
2,4-Dinitrophenol
Concen: 92.829 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

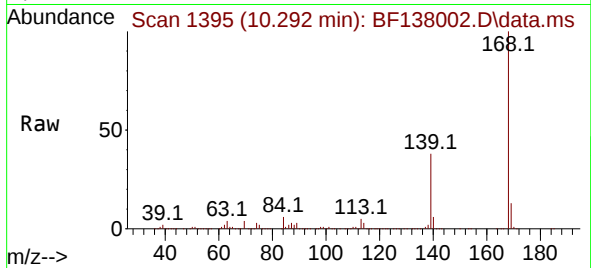
Tgt Ion:184 Resp: 264222
Ion Ratio Lower Upper
184 100
63 59.7 50.4 75.6
154 62.1 63.7 95.5#





#55
Dibenzenofuran
Concen: 43.404 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

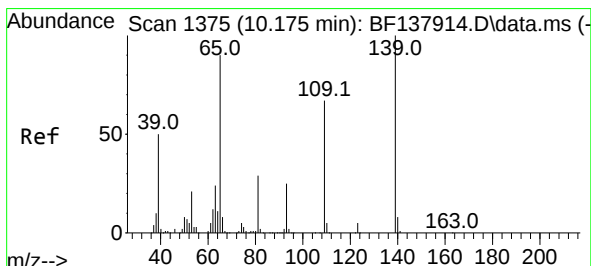
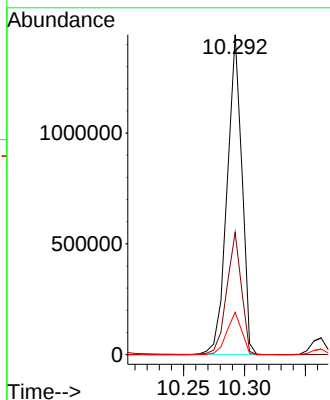
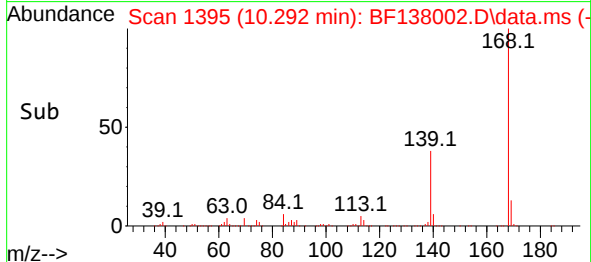
Instrument :
BNA_F
ClientSampleId :
PB161034BS



Tgt Ion:168 Resp: 121440
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.3 10.5 15.7

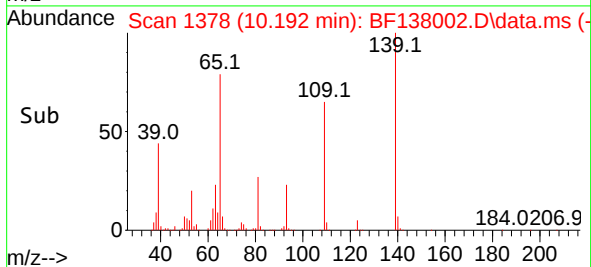
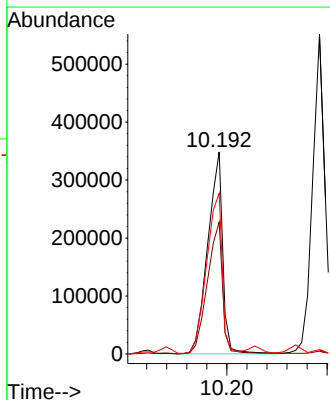
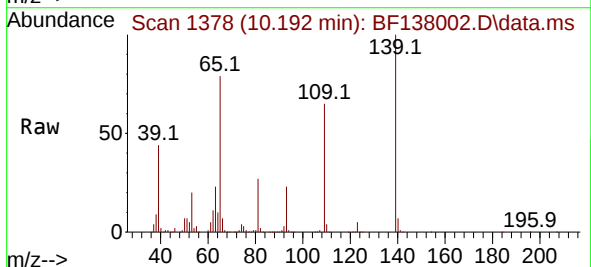
Manual Integrations
APPROVED

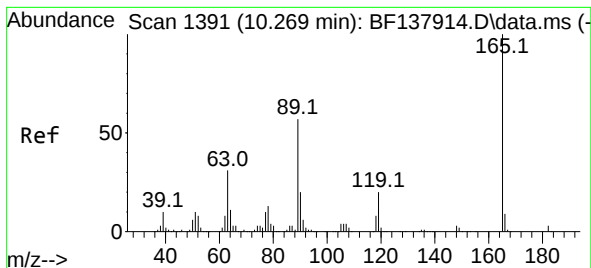
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#56
4-Nitrophenol
Concen: 98.913 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:139 Resp: 361153
Ion Ratio Lower Upper
139 100
109 65.3 46.5 86.5
65 79.5 70.4 110.4





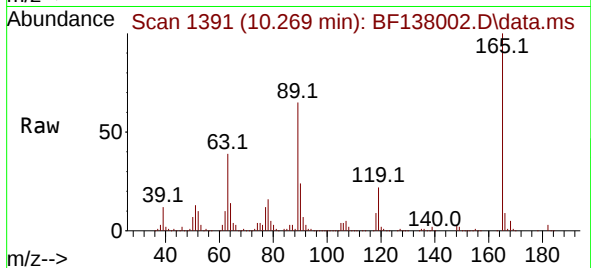
#57
2,4-Dinitrotoluene
Concen: 46.826 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



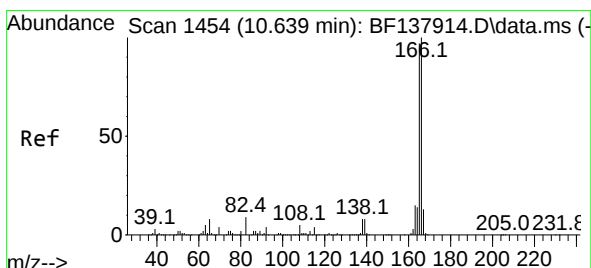
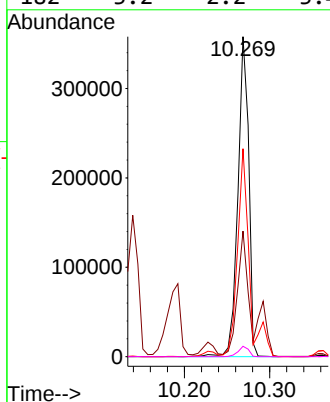
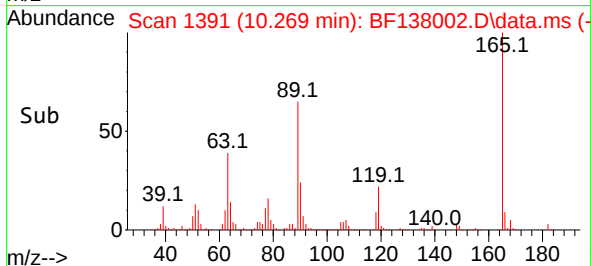
Tgt Ion:165 Resp: 314785
Ion Ratio Lower Upper
165 100
63 39.3 25.3 37.9
89 65.0 45.9 68.9
182 3.2 2.2 3.4

Manual Integrations

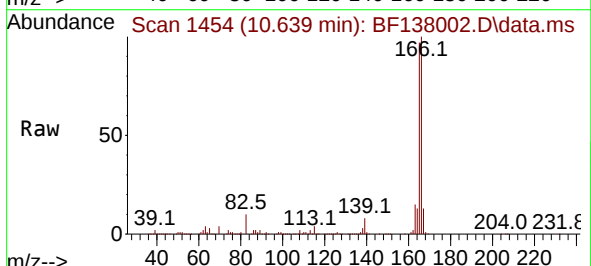
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

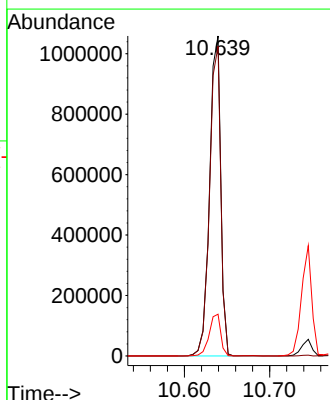
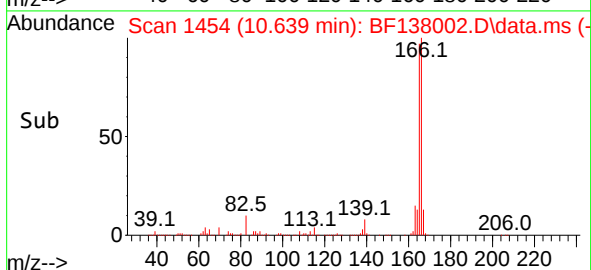
Supervised By :mohammad ahmed 05/24/2024

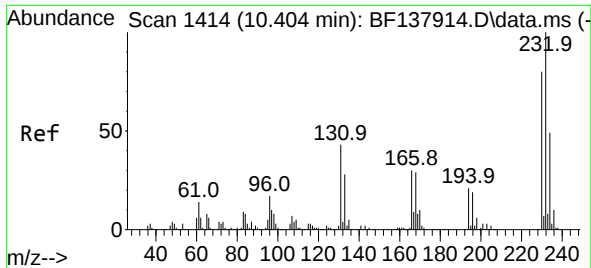


#58
Fluorene
Concen: 43.490 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



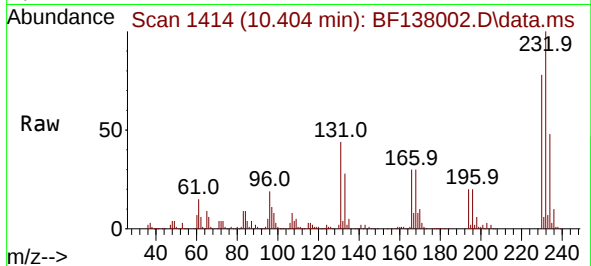
Tgt Ion:166 Resp: 962450
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 13.1 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.939 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

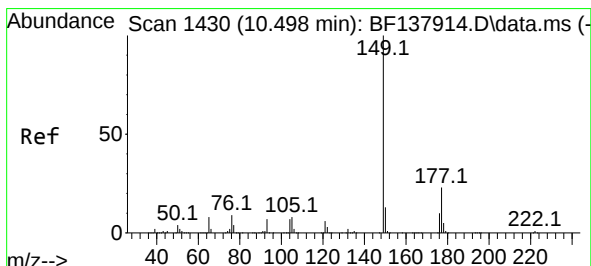
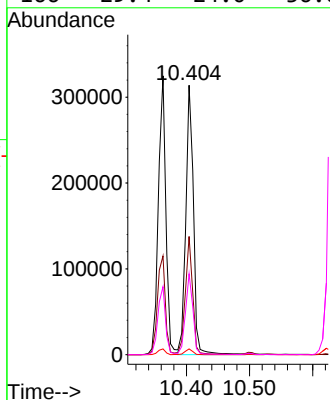
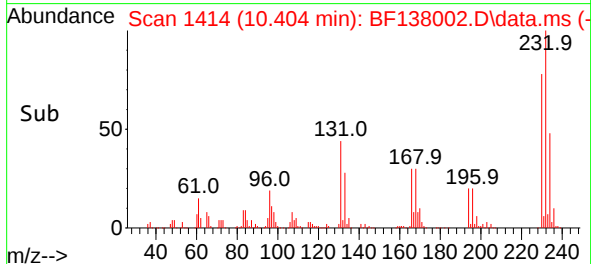
Instrument :
BNA_F
ClientSampleId :
PB161034BS



Tgt Ion:232 Resp: 265380
Ion Ratio Lower Upper
232 100
131 41.9 34.4 51.6
130 2.1 1.7 2.5
166 29.4 24.0 36.0

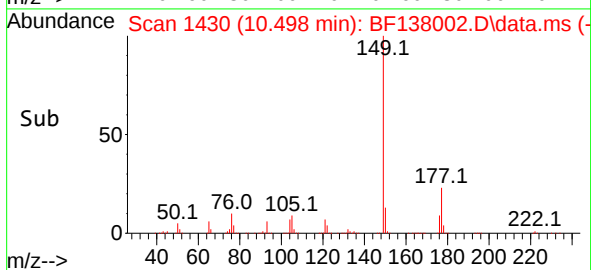
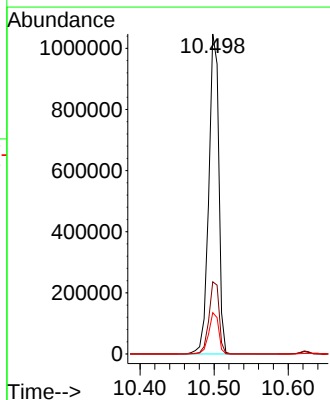
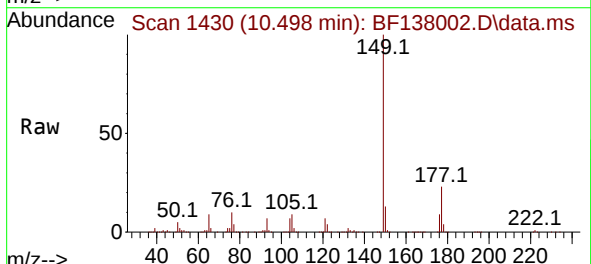
Manual Integrations
APPROVED

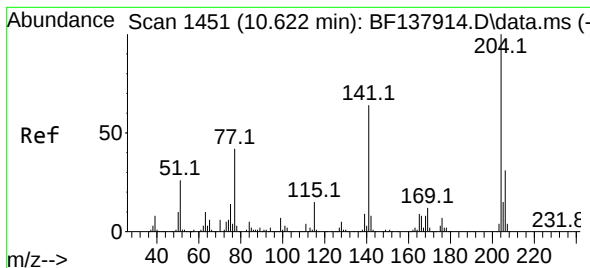
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#60
Diethylphthalate
Concen: 46.397 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

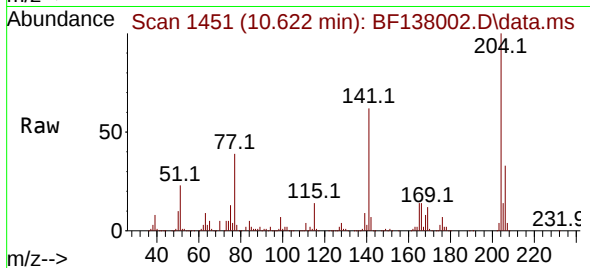
Tgt Ion:149 Resp: 981773
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.537 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

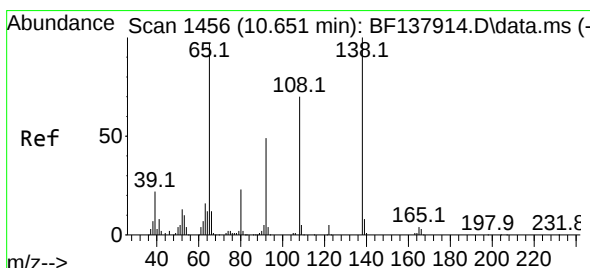
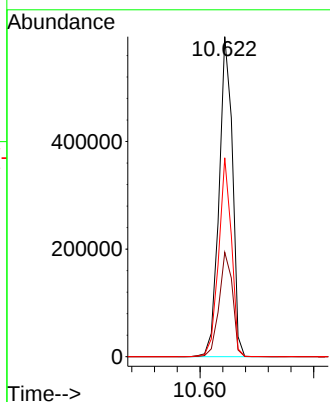
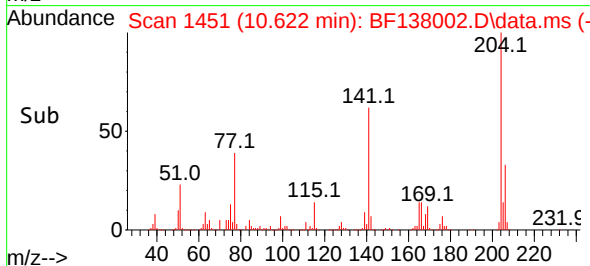
Instrument :
BNA_F
ClientSampleId :
PB161034BS



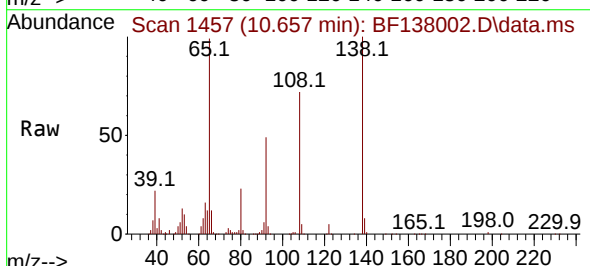
Tgt Ion:204 Resp: 48605
Ion Ratio Lower Upper
204 100
206 32.6 25.1 37.7
141 62.2 51.0 76.6

Manual Integrations
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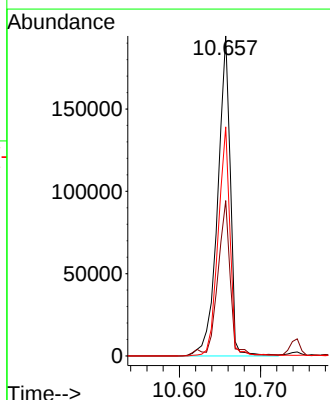
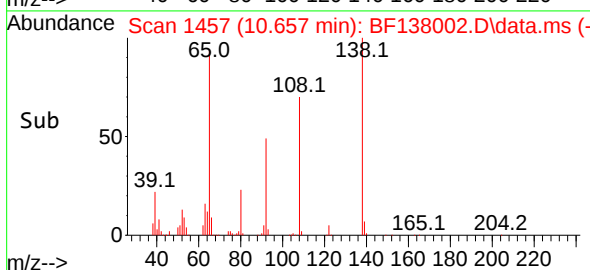
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

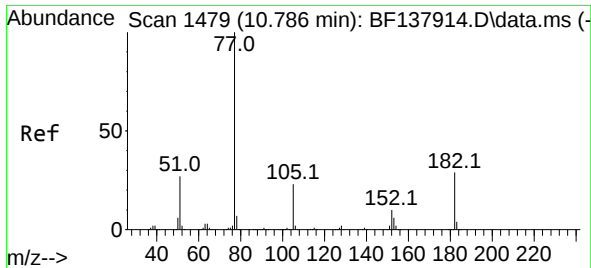


#62
4-Nitroaniline
Concen: 43.909 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



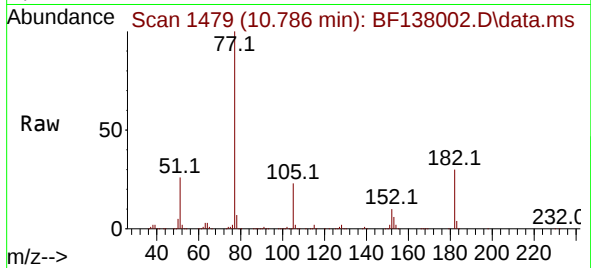
Tgt Ion:138 Resp: 211713
Ion Ratio Lower Upper
138 100
92 48.6 29.0 69.0
108 71.6 49.7 89.7





#63
Azobenzene
Concen: 45.520 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

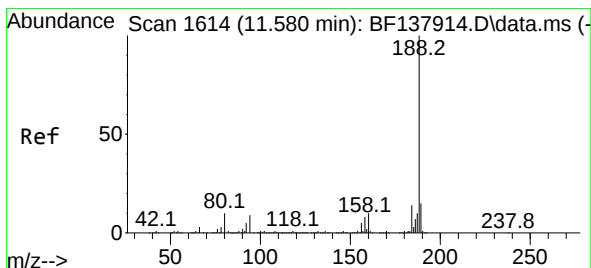
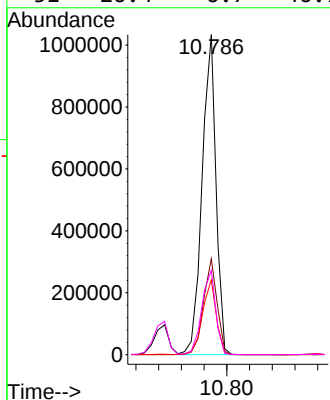
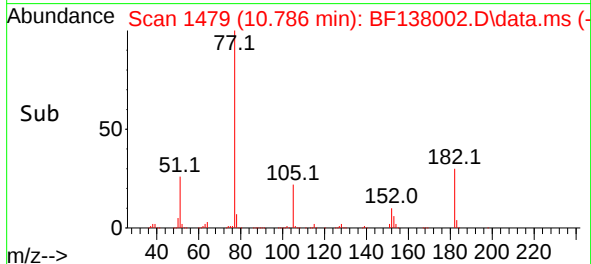
Instrument :
BNA_F
ClientSampleId :
PB161034BS



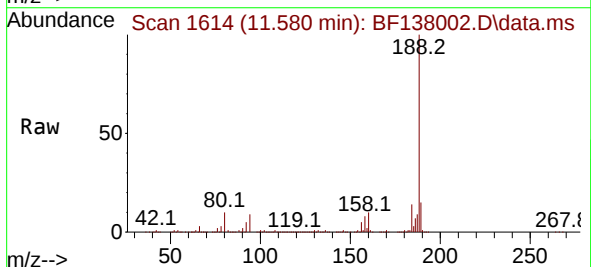
Tgt Ion: 77 Resp: 87612
Ion Ratio Lower Upper
77 100
182 29.9 9.2 49.2
105 23.4 3.1 43.1
51 26.4 6.7 46.7

Manual Integrations
APPROVED

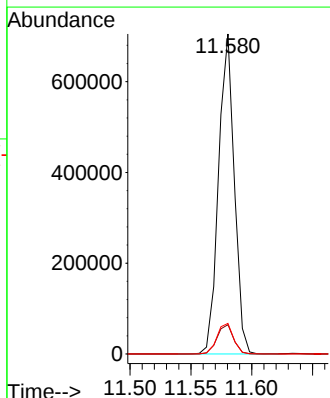
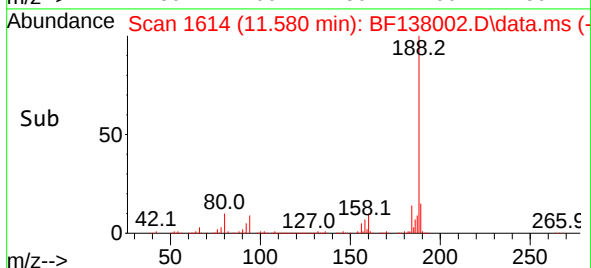
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

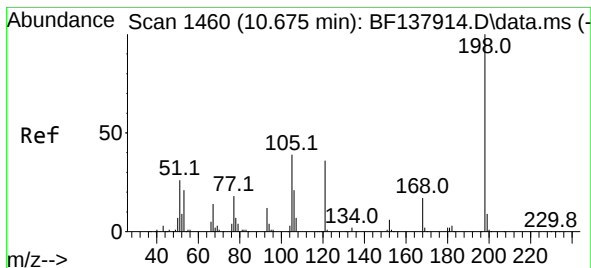


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:188 Resp: 636618
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.6 7.7 11.5





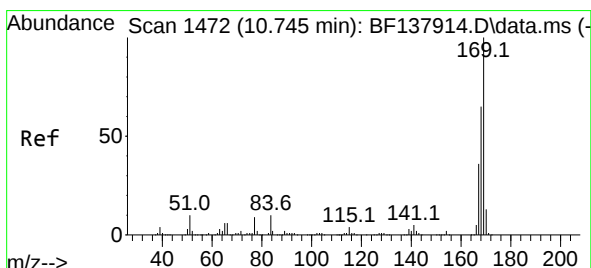
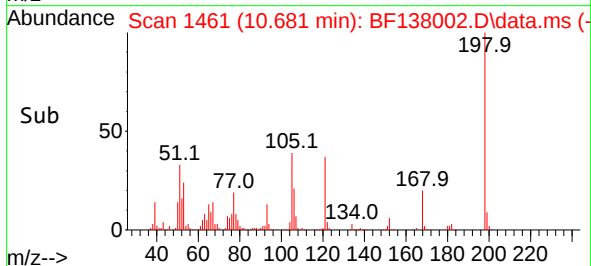
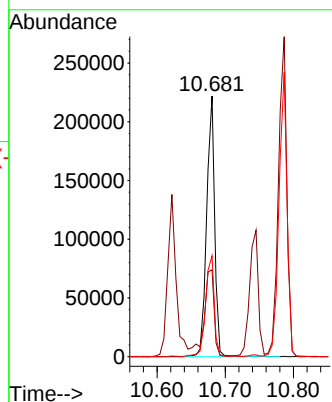
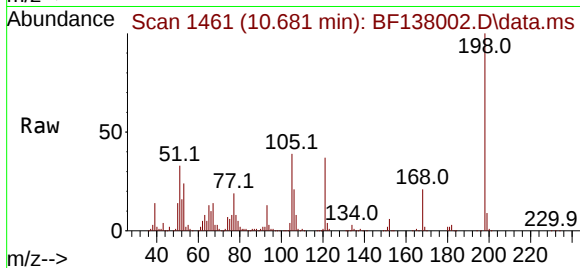
#65
4,6-Dinitro-2-methylphenol
Concen: 49.548 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB161034BS

Tgt Ion:198 Resp: 18213
Ion Ratio Lower Upper
198 100
51 33.4 13.8 53.8
105 38.7 19.0 59.0

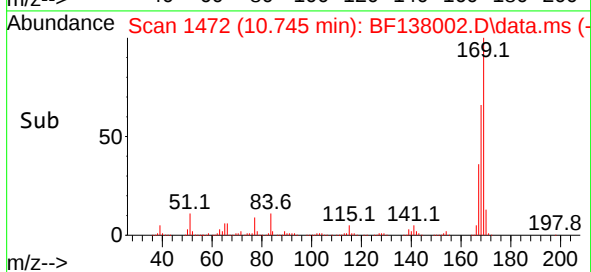
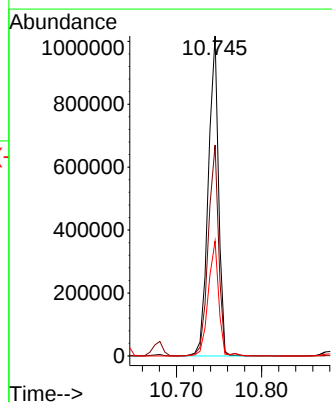
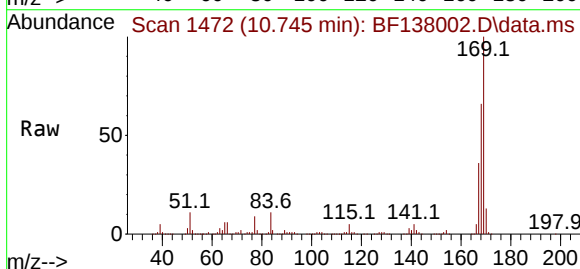
Manual Integrations
APPROVED

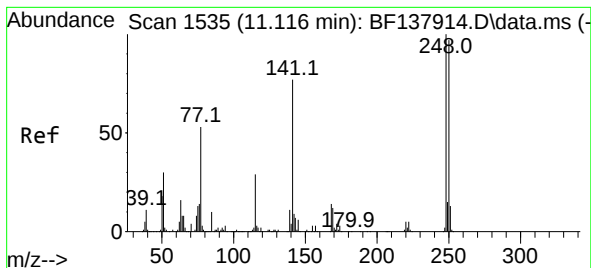
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#66
n-Nitrosodiphenylamine
Concen: 43.555 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:169 Resp: 850336
Ion Ratio Lower Upper
169 100
168 65.9 52.4 78.6
167 35.9 28.9 43.3





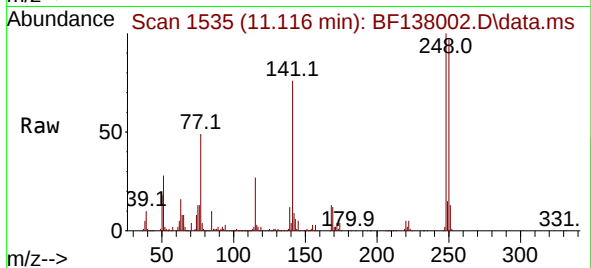
#67
4-Bromophenyl-phenylether
Concen: 44.203 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



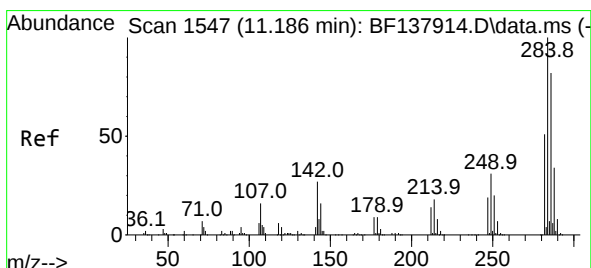
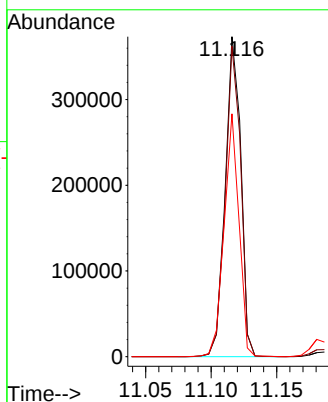
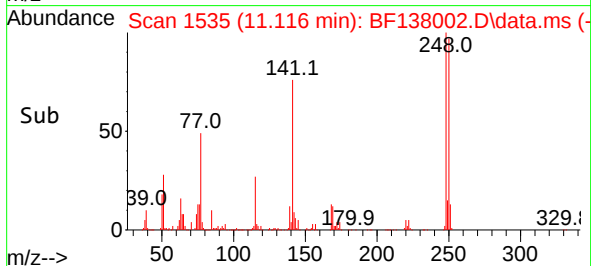
Tgt Ion:248 Resp: 308499
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 75.9 61.4 92.2

Manual Integrations

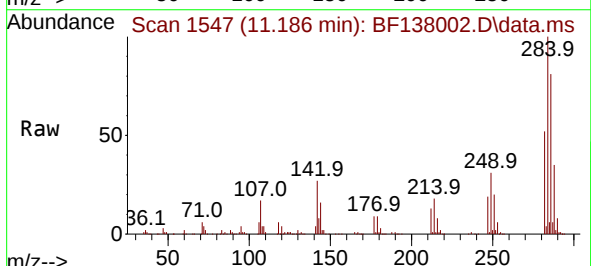
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

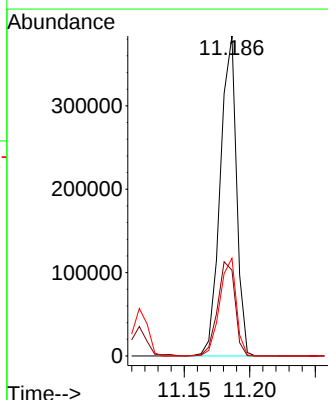
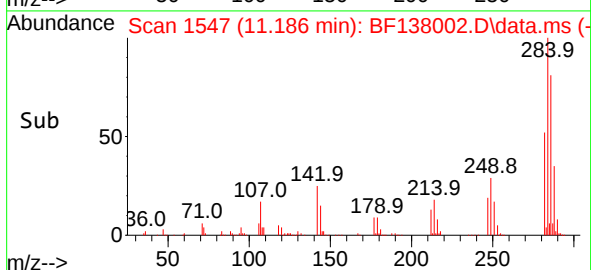
Supervised By :mohammad ahmed 05/24/2024

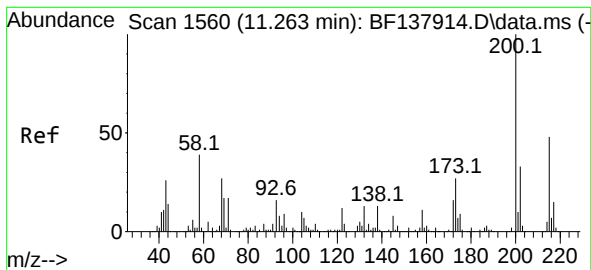


#68
Hexachlorobenzene
Concen: 42.841 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:284 Resp: 330502
Ion Ratio Lower Upper
284 100
142 26.8 21.3 31.9
249 30.6 24.6 37.0





#69

Atrazine

Concen: 54.654 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

Tgt Ion:200 Resp: 29136

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

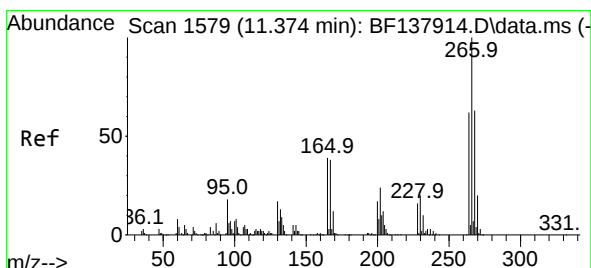
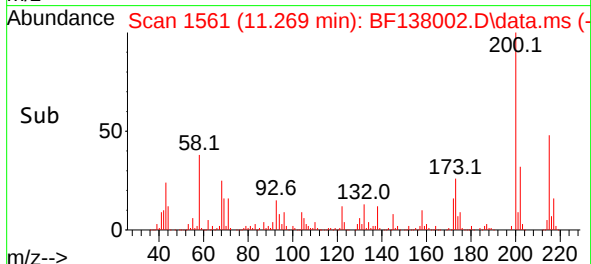
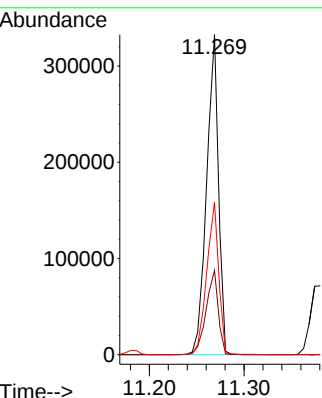
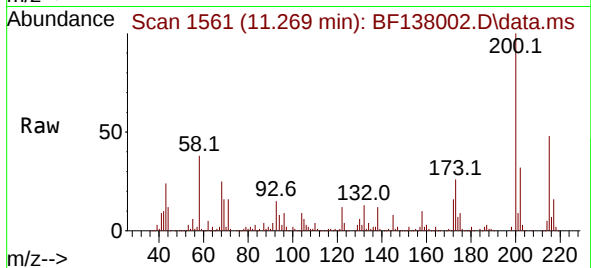
215 47.6 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#70

Pentachlorophenol

Concen: 89.744 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

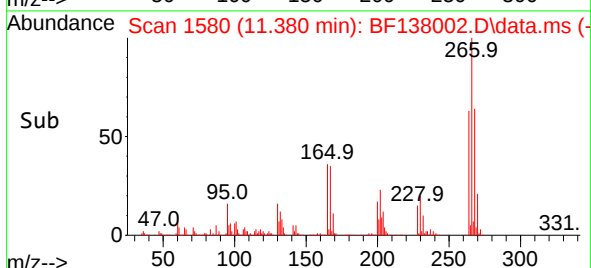
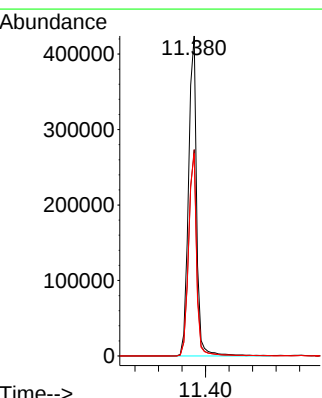
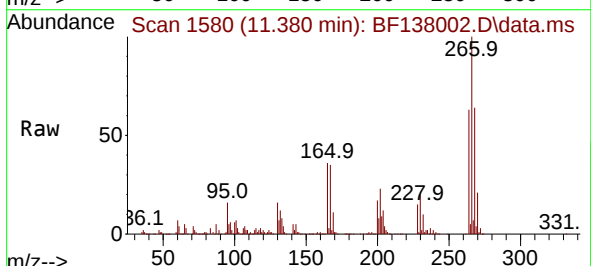
Tgt Ion:266 Resp: 405551

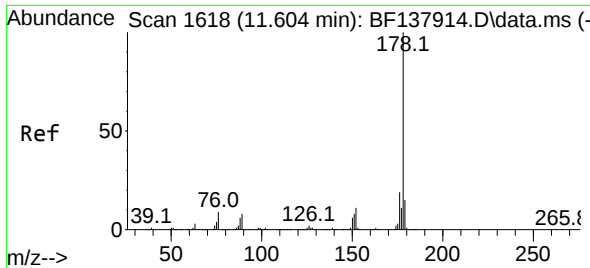
Ion Ratio Lower Upper

266 100

268 64.5 50.1 75.1

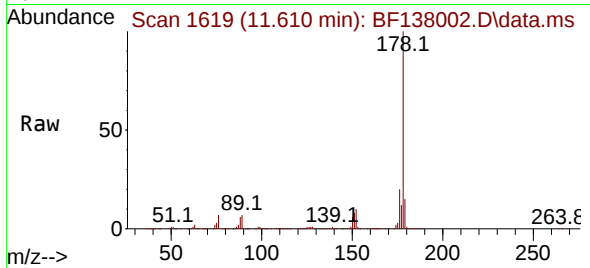
264 63.3 49.4 74.2





#71
Phenanthrene
Concen: 43.545 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

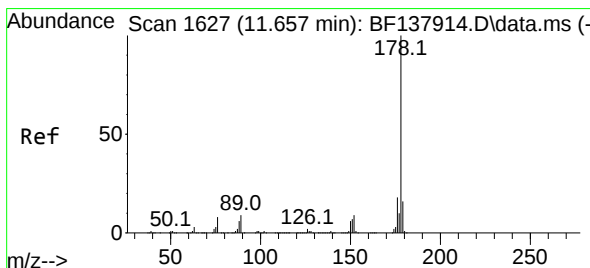
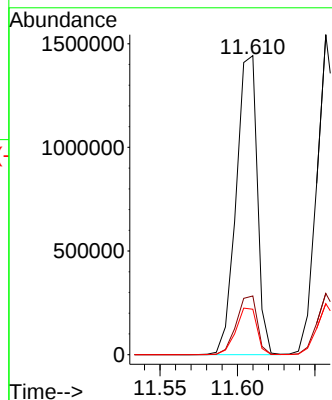
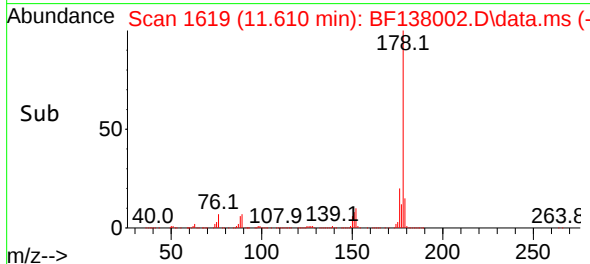
Instrument :
BNA_F
ClientSampleId :
PB161034BS



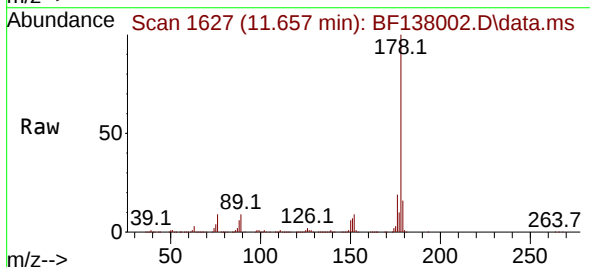
Tgt Ion:178 Resp: 1366090
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.2 12.2 18.4

Manual Integrations
APPROVED

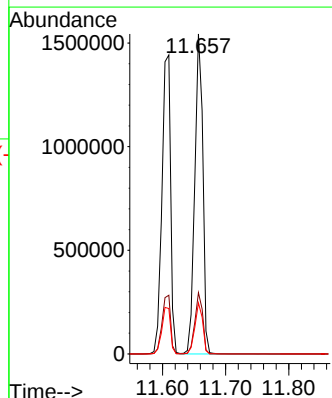
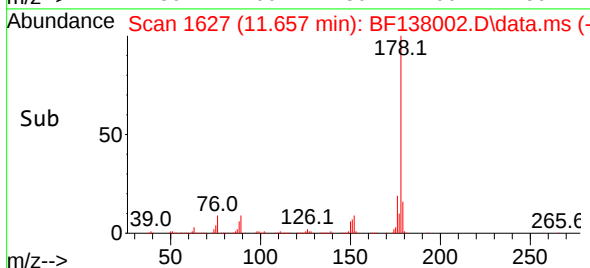
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

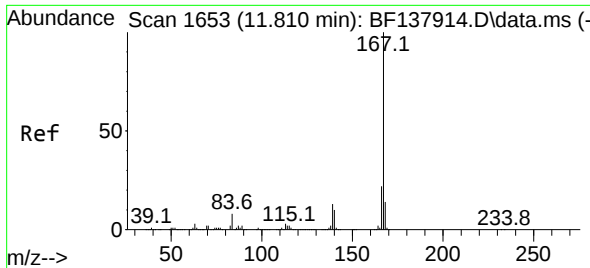


#72
Anthracene
Concen: 44.045 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:178 Resp: 1370981
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 16.0 12.4 18.6





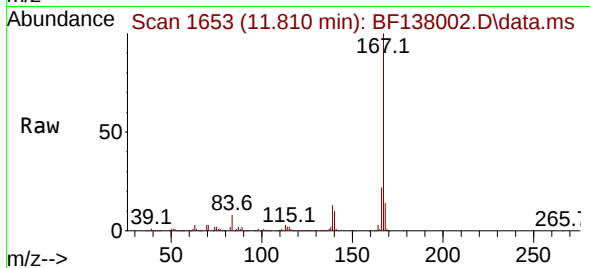
#73
 Carbazole
 Concen: 43.265 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF138002.D
 Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



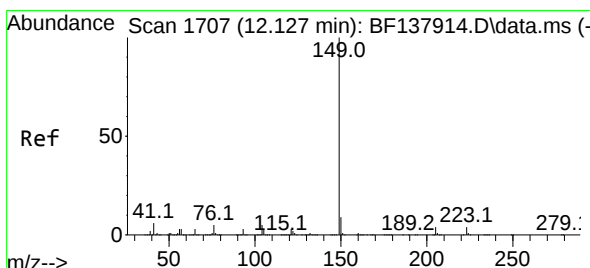
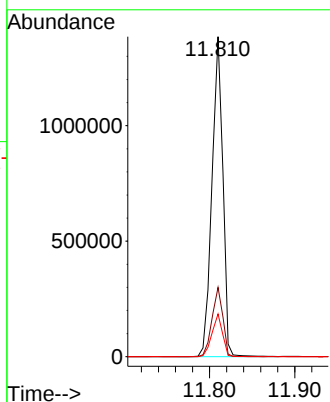
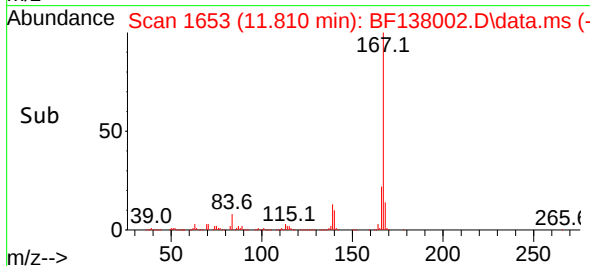
Tgt Ion:167 Resp: 1230204
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.4 10.3 15.5

Manual Integrations

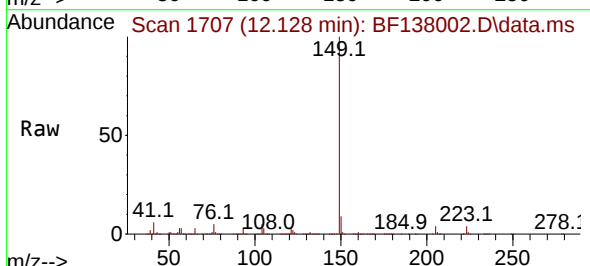
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

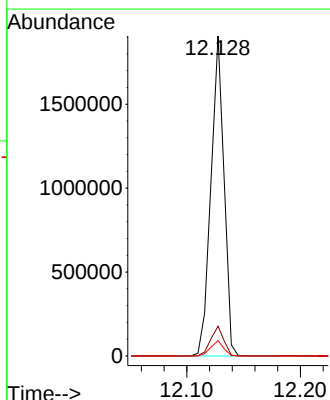
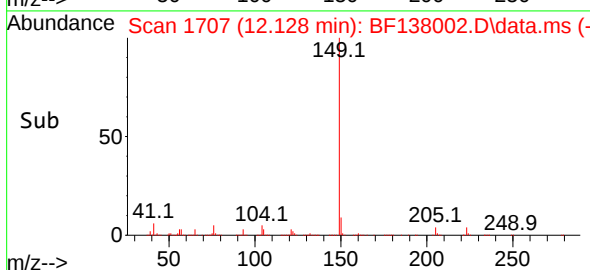
Supervised By :mohammad ahmed 05/24/2024

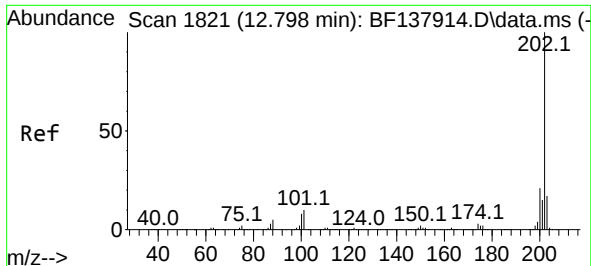


#74
 Di-n-butylphthalate
 Concen: 48.180 ng
 RT: 12.128 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138002.D
 Acq: 22 May 2024 13:13



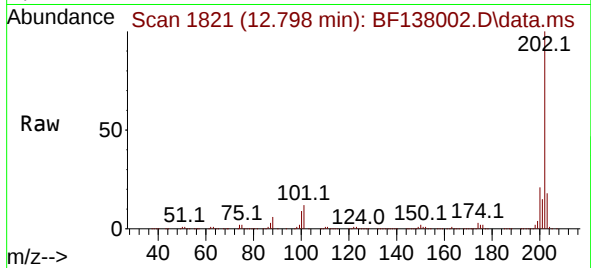
Tgt Ion:149 Resp: 1520356
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 43.895 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

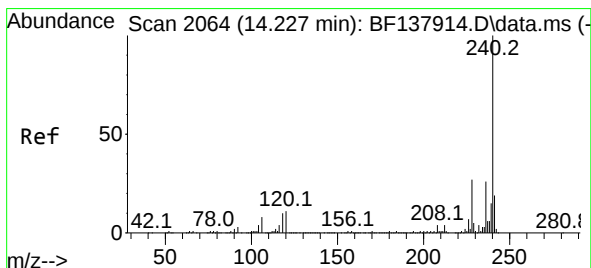
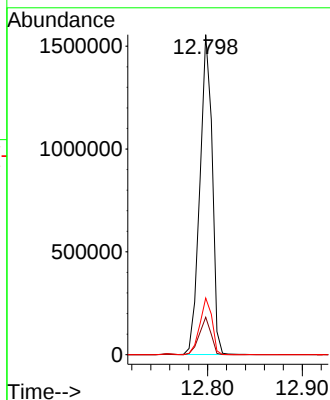
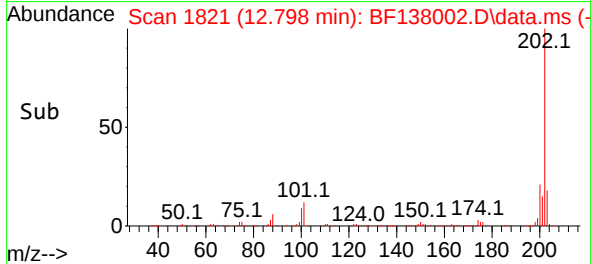
Instrument :
BNA_F
ClientSampleId :
PB161034BS



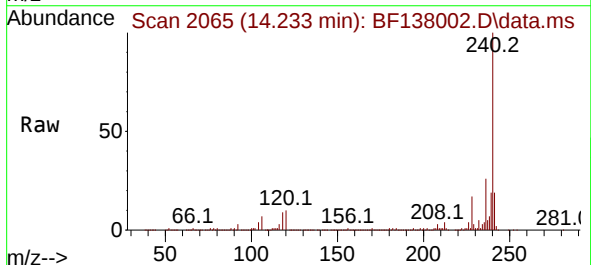
Tgt Ion:202 Resp: 1397760
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.5
203 17.7 0.0 37.3

Manual Integrations
APPROVED

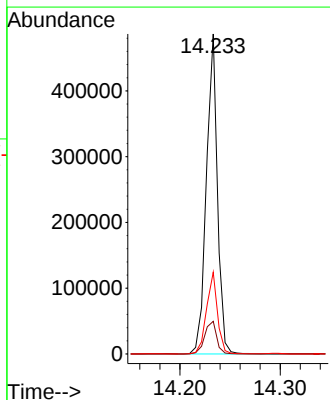
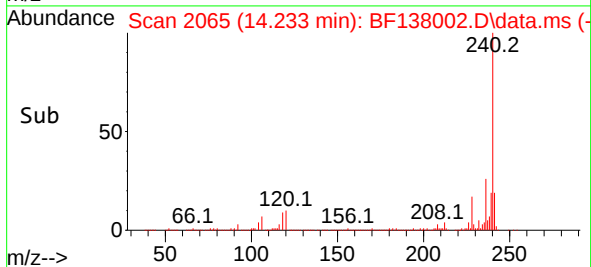
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

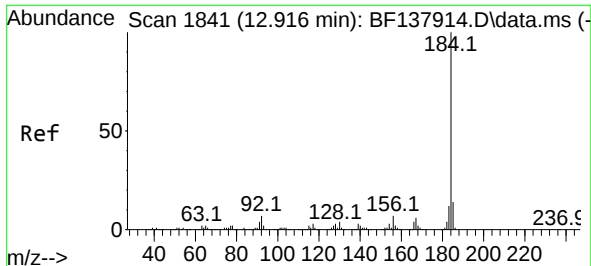


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



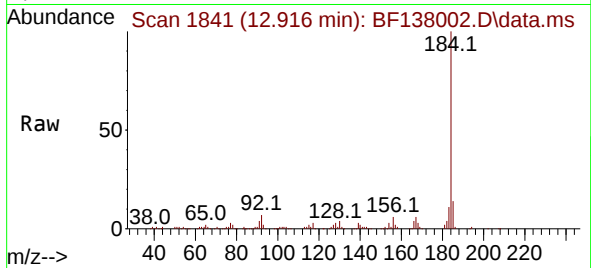
Tgt Ion:240 Resp: 372232
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.5 21.0 31.4





#77
Benzidine
Concen: 21.586 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

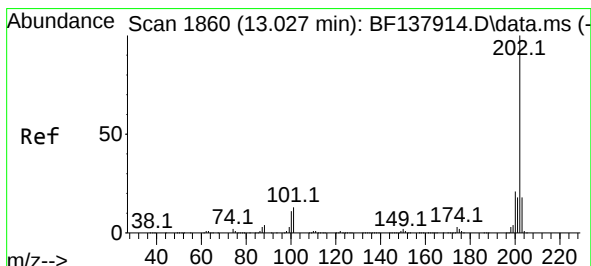
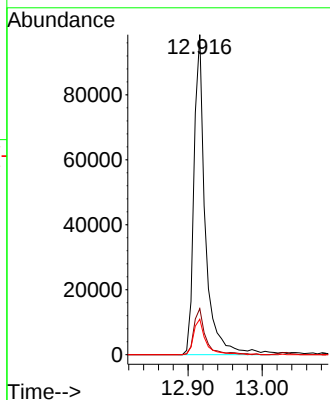
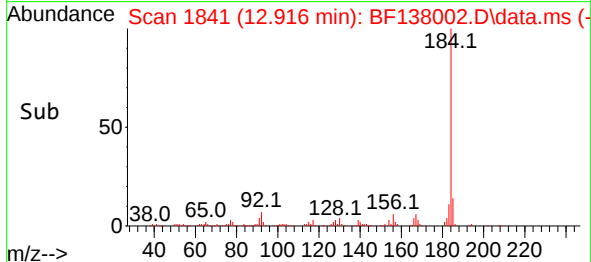
Instrument :
BNA_F
ClientSampleId :
PB161034BS



Tgt Ion:184 Resp: 105010
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.1 9.5 14.3

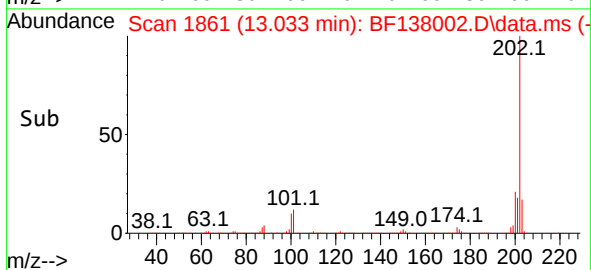
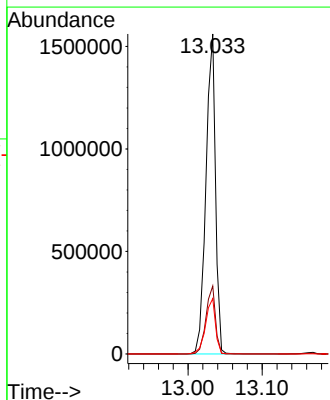
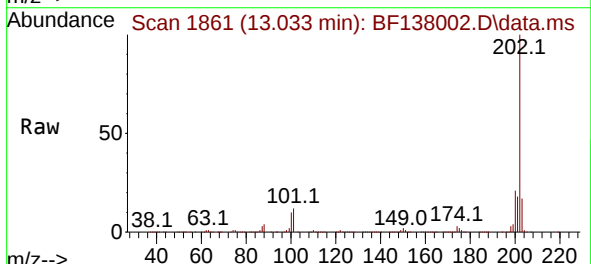
Manual Integrations
APPROVED

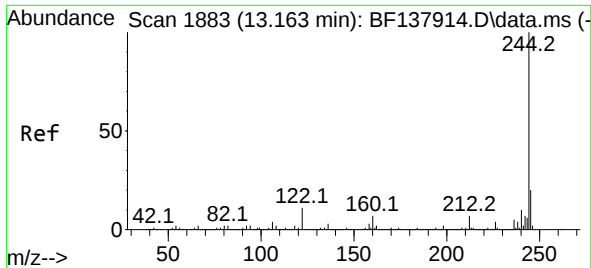
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#78
Pyrene
Concen: 43.022 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:202 Resp: 1400676
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 83.929 ng
RT: 13.169 min Scan# 1883
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

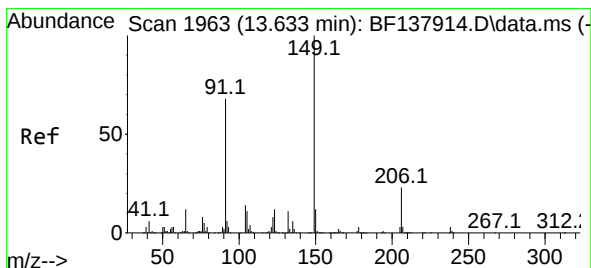
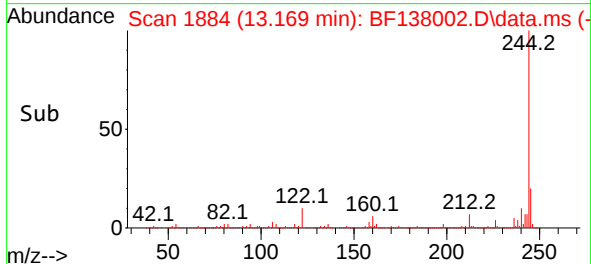
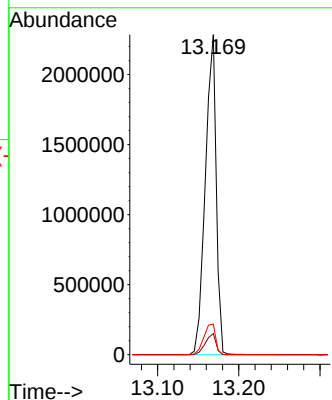
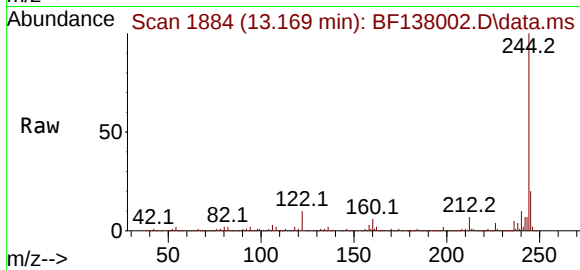
Tgt Ion:244 Resp: 211975
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 9.6 8.8 13.2

Manual Integrations

APPROVED

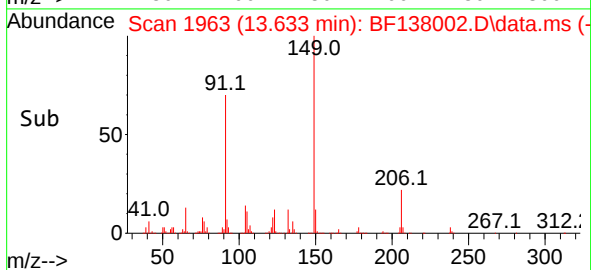
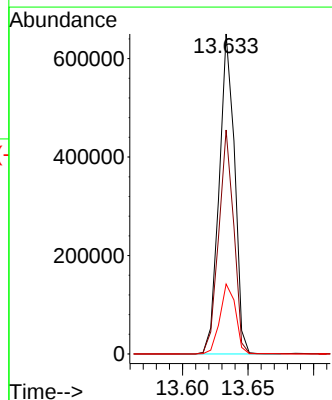
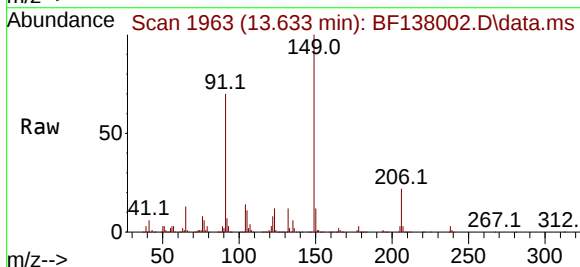
Reviewed By :Yogesh Patel 05/24/2024

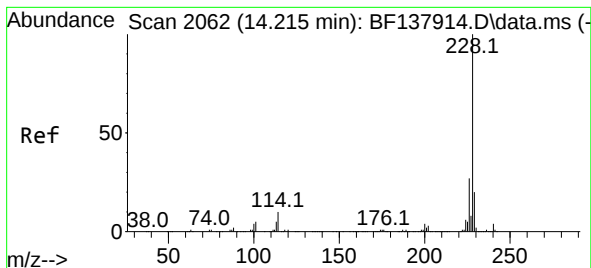
Supervised By :mohammad ahmed 05/24/2024



#80
Butylbenzylphthalate
Concen: 54.024 ng
RT: 13.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:149 Resp: 530518
Ion Ratio Lower Upper
149 100
91 70.0 54.2 81.4
206 21.9 18.1 27.1





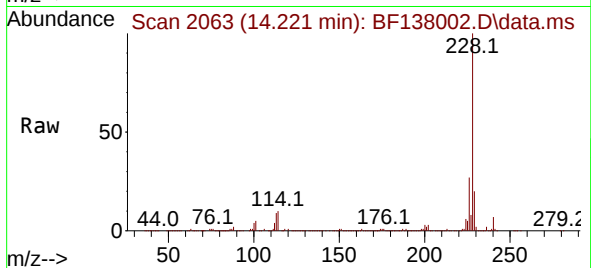
#81
Benzo(a)anthracene
Concen: 46.219 ng
RT: 14.221 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



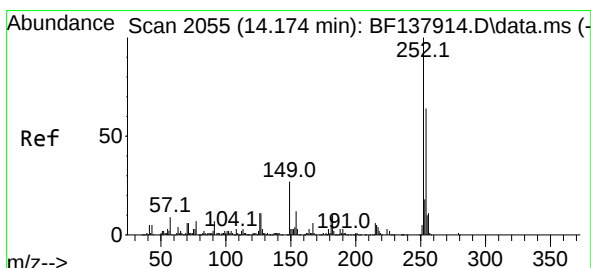
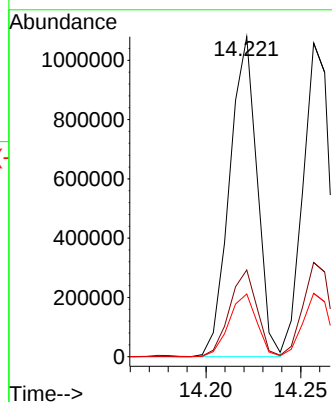
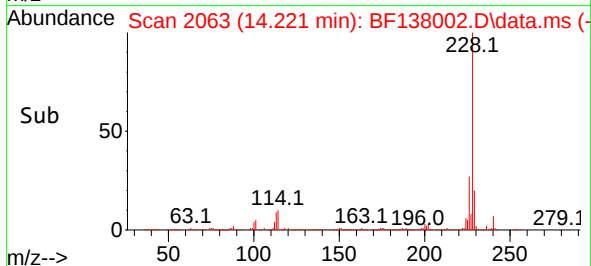
Tgt Ion:228 Resp: 108844
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.6 15.7 23.5

Manual Integrations

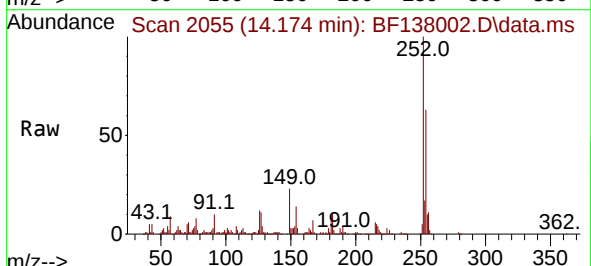
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

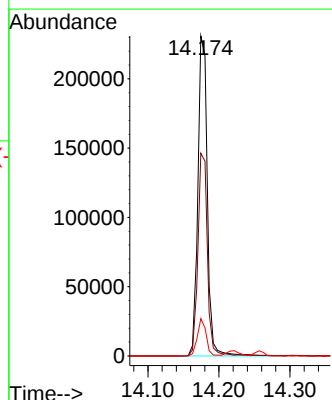
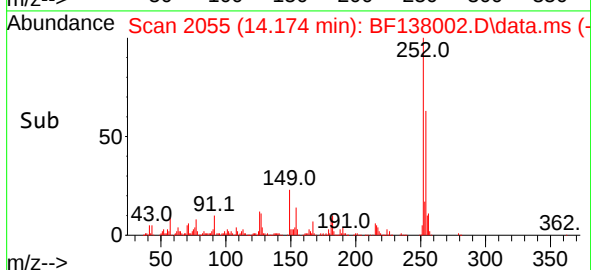
Supervised By :mohammad ahmed 05/24/2024

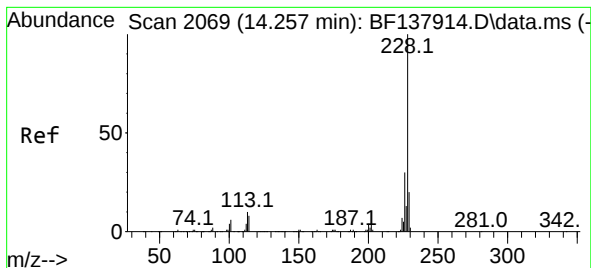


#82
3,3'-Dichlorobenzidine
Concen: 32.892 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:252 Resp: 214663
Ion Ratio Lower Upper
252 100
254 63.3 51.2 76.8
126 11.7 8.7 13.1





#83

Chrysene

Concen: 44.864 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

Tgt Ion:228 Resp: 101043

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

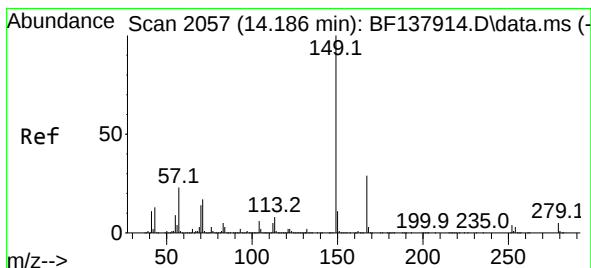
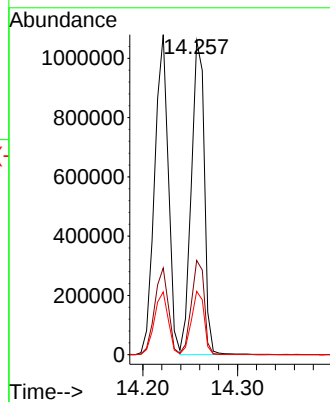
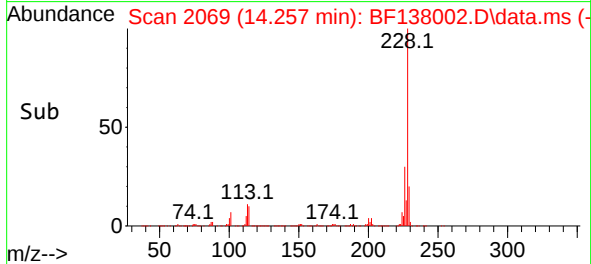
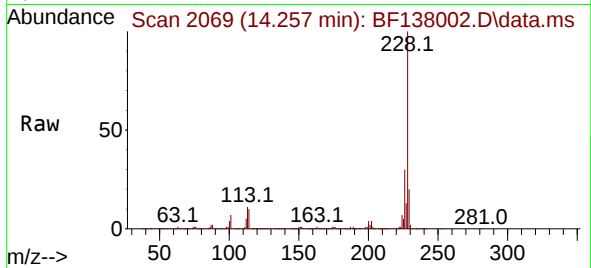
229 20.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.367 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

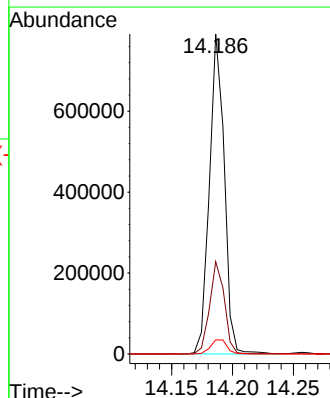
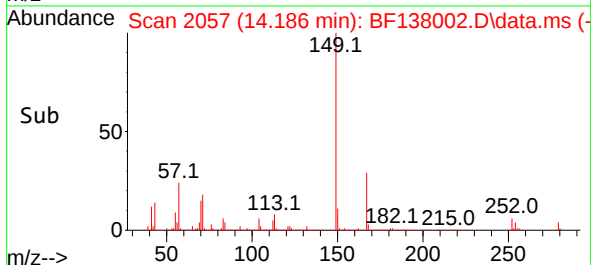
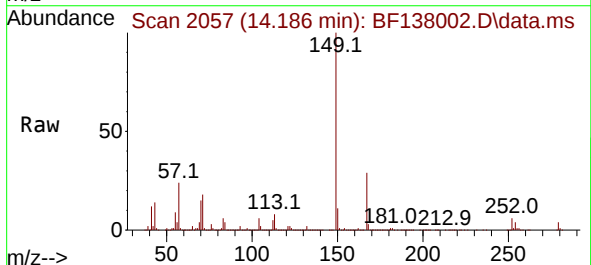
Tgt Ion:149 Resp: 671126

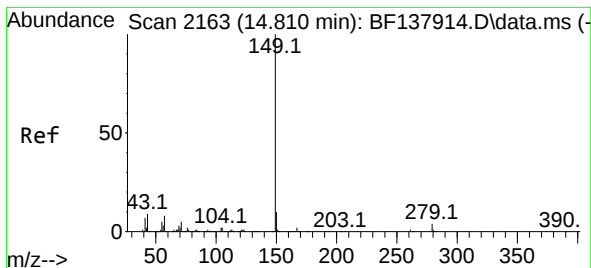
Ion Ratio Lower Upper

149 100

167 28.8 23.2 34.8

279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 56.228 ng

RT: 14.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BF138002.D

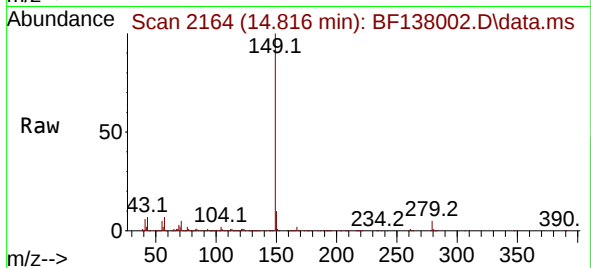
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



Tgt Ion:149 Resp: 937702

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

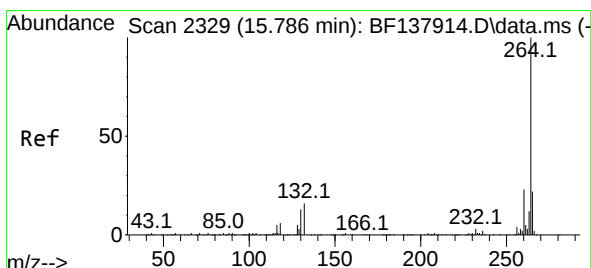
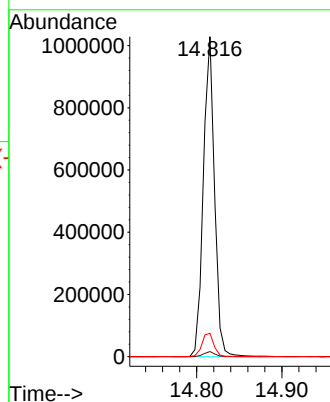
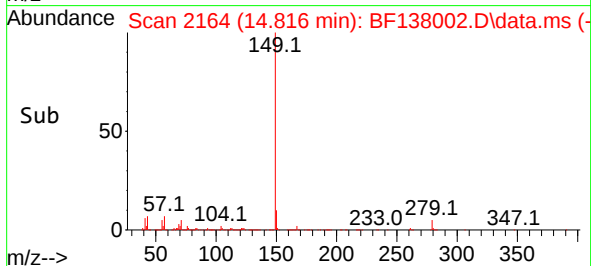
43 7.9 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

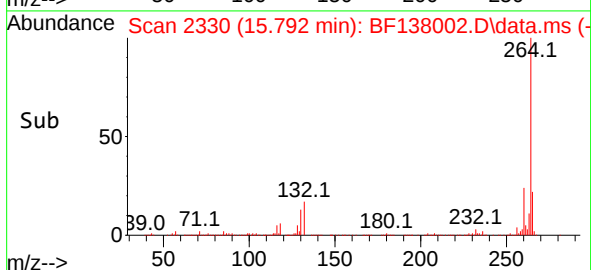
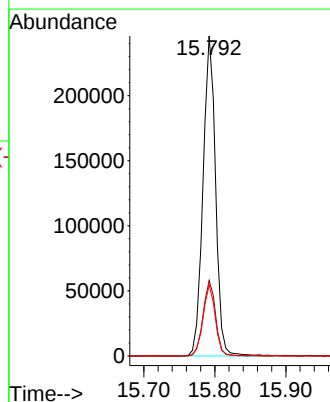
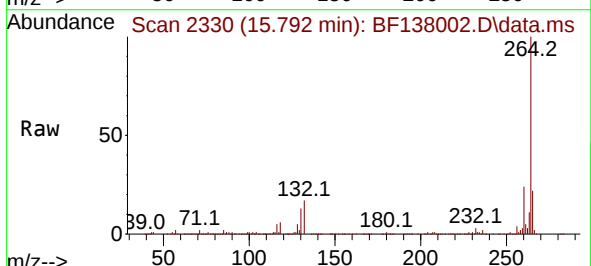
Tgt Ion:264 Resp: 302803

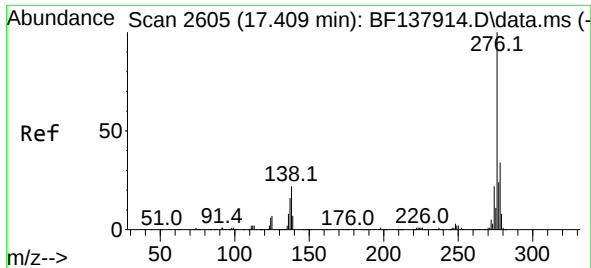
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 22.2 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.487 ng
RT: 17.427 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

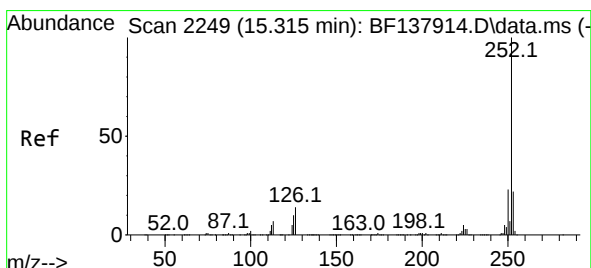
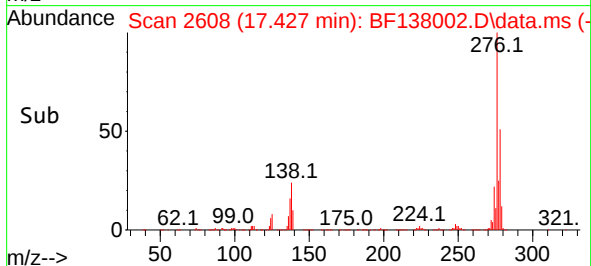
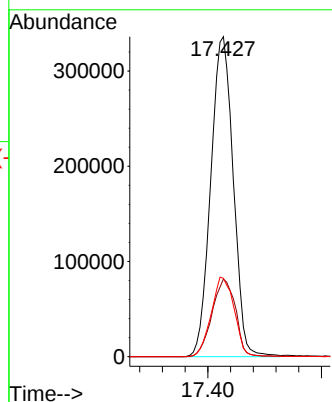
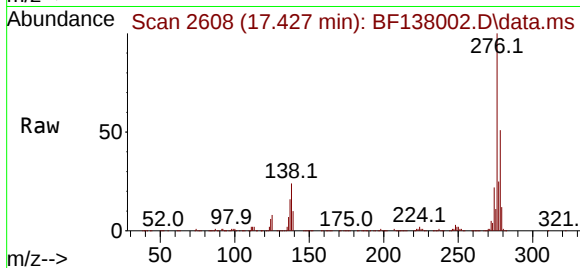
ClientSampleId :

PB161034BS

Tgt Ion:276 Resp: 923818
Ion Ratio Lower Upper
276 100
138 25.4 20.6 30.8
277 25.6 20.2 30.2

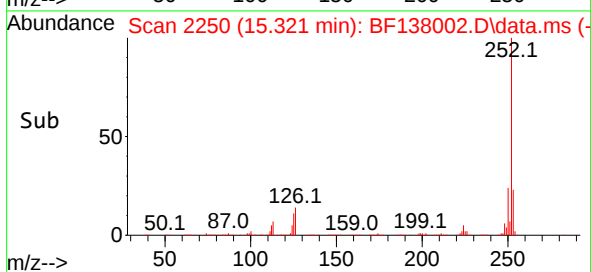
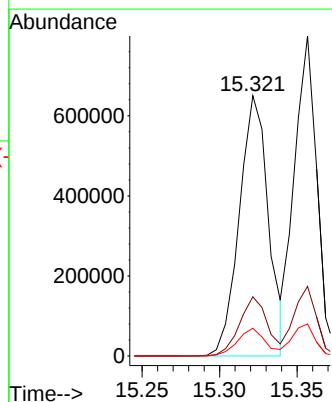
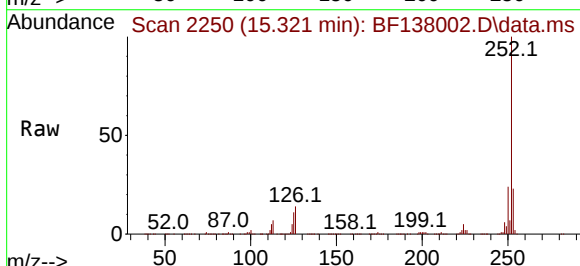
Manual Integrations
APPROVED

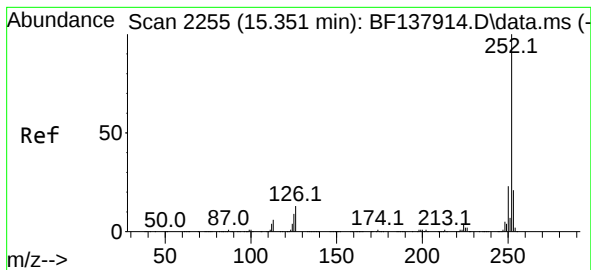
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#88
Benzo(b)fluoranthene
Concen: 48.519 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:252 Resp: 850651
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.169 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

Tgt Ion:252 Resp: 81243

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

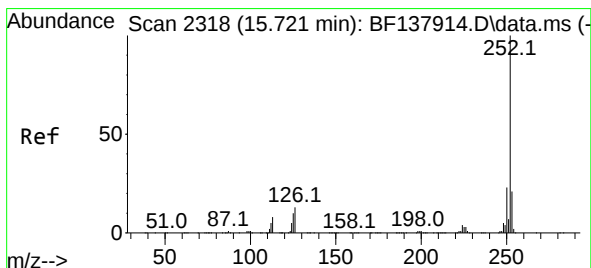
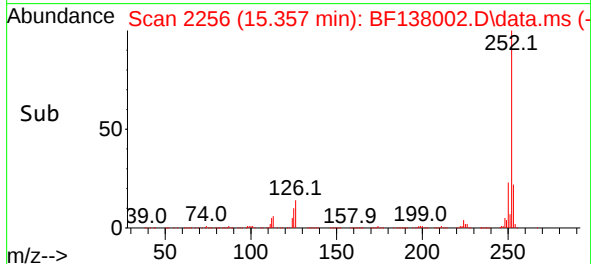
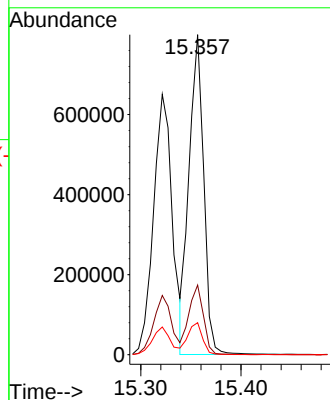
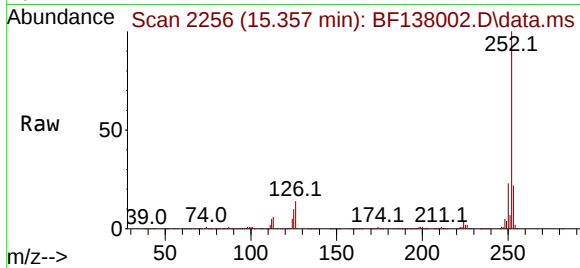
125 10.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#90

Benzo(a)pyrene

Concen: 49.874 ng

RT: 15.727 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

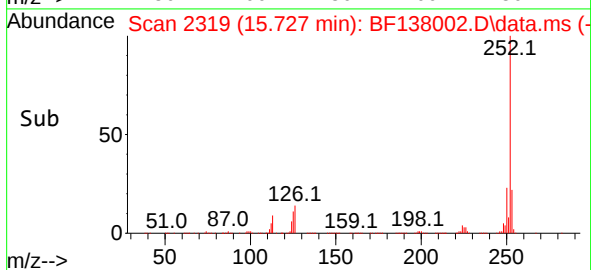
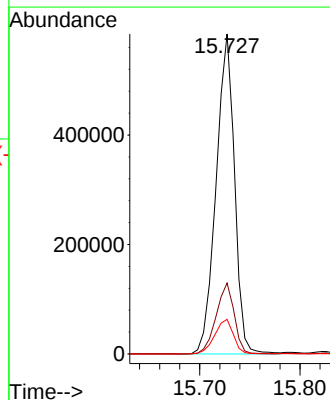
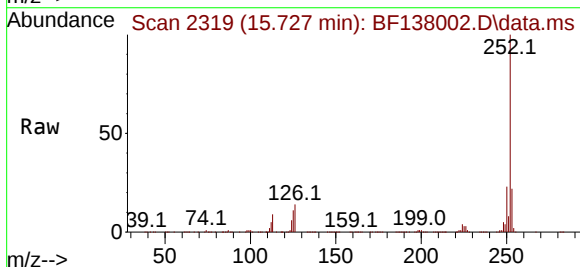
Tgt Ion:252 Resp: 746658

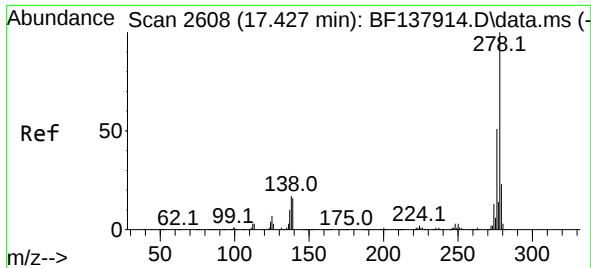
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 10.8 7.8 11.8





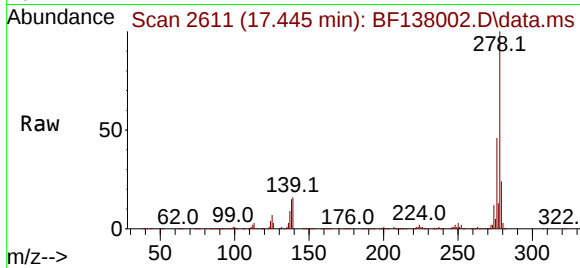
#91
Dibenzo(a,h)anthracene
Concen: 47.263 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS



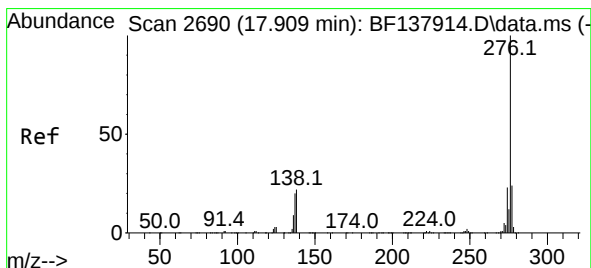
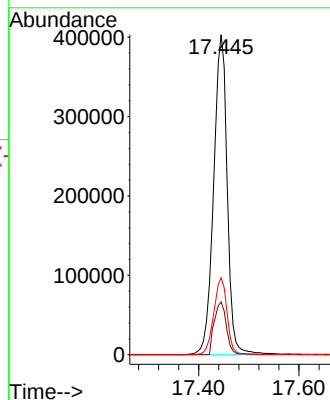
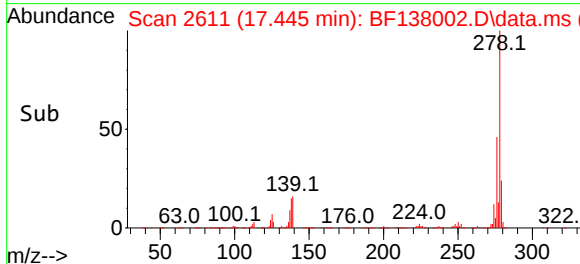
Tgt Ion:278 Resp: 759669
Ion Ratio Lower Upper
278 100
139 16.4 13.1 19.7
279 24.0 18.5 27.7

Manual Integrations

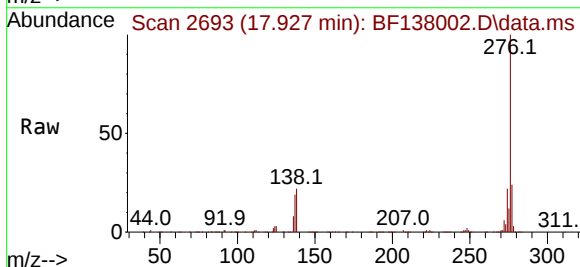
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#92
Benzo(g,h,i)perylene
Concen: 42.469 ng
RT: 17.927 min Scan# 2693
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:276 Resp: 717096
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 21.9 17.6 26.4

