

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138000.D
 Acq On : 22 May 2024 12:14
 Operator : CG\JU
 Sample : PB161028BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BSD

Manual Integrations
 APPROVED

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

Quant Time: May 22 12:51:19 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	154652	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	611970	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	345009	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	614789	20.000	ng	0.00
76) Chrysene-d12	14.233	240	386835	20.000	ng	0.00
86) Perylene-d12	15.786	264	295625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1087717	119.471	ng	0.00
7) Phenol-d6	6.657	99	1345240	119.948	ng	0.00
23) Nitrobenzene-d5	7.598	82	829608	79.780	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	483560	139.005	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1786045	79.743	ng	0.00
79) Terphenyl-d14	13.169	244	2124790	80.952	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	132465	33.585	ng	99
3) Pyridine	3.781	79	329735	37.259	ng	97
4) n-Nitrosodimethylamine	3.746	42	163939	41.992	ng	97
6) Aniline	6.698	93	320365m	31.937	ng	
8) 2-Chlorophenol	6.816	128	441929	44.853	ng	98
9) Benzaldehyde	6.593	77	358303	59.051	ng	98
10) Phenol	6.669	94	489720	43.261	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	384243	44.208	ng	97
12) 1,3-Dichlorobenzene	6.975	146	463832	40.688	ng	98
13) 1,4-Dichlorobenzene	7.051	146	471705	41.224	ng	99
14) 1,2-Dichlorobenzene	7.204	146	453001	42.064	ng	99
15) Benzyl Alcohol	7.175	79	353029	47.140	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	472965	44.268	ng	99
17) 2-Methylphenol	7.275	107	349349	44.460	ng	99
18) Hexachloroethane	7.545	117	159410	41.169	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	283177	44.942	ng	98
20) 3+4-Methylphenols	7.428	107	445288	43.258	ng	95
22) Acetophenone	7.445	105	584145	42.610	ng	99
24) Nitrobenzene	7.616	77	430483	40.808	ng	96
25) Isophorone	7.851	82	789075	43.722	ng	98
26) 2-Nitrophenol	7.934	139	241565	45.573	ng	99
27) 2,4-Dimethylphenol	7.957	122	323524	47.407	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	473233	43.264	ng	100
29) 2,4-Dichlorophenol	8.169	162	377151	43.948	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	395820	41.310	ng	99
31) Naphthalene	8.339	128	1273731	41.395	ng	99
32) Benzoic acid	8.081	122	293502	50.877	ng	98
33) 4-Chloroaniline	8.381	127	181431	17.987	ng	99
34) Hexachlorobutadiene	8.451	225	241404	39.804	ng	99
35) Caprolactam	8.763	113	122784m	49.385	ng	
36) 4-Chloro-3-methylphenol	8.863	107	395064	45.254	ng	99
37) 2-Methylnaphthalene	9.034	142	850905	43.021	ng	99
38) 1-Methylnaphthalene	9.134	142	782757	40.256	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	404980	43.177	ng	99
41) Hexachlorocyclopentadiene	9.186	237	434516	121.919	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	282851	45.993	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138000.D
 Acq On : 22 May 2024 12:14
 Operator : CG\JU
 Sample : PB161028BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BSD

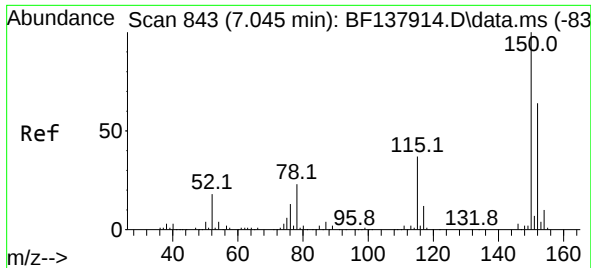
Manual Integrations
 APPROVED

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

Quant Time: May 22 12:51:19 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

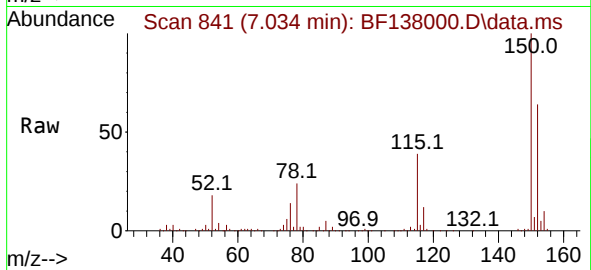
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	305848	45.452	ng	99
46) 1,1'-Biphenyl	9.498	154	1047286	43.279	ng	99
47) 2-Chloronaphthalene	9.528	162	811788	42.025	ng	98
48) 2-Nitroaniline	9.622	65	229034	46.302	ng	96
49) Acenaphthylene	9.945	152	1297912	46.729	ng	98
50) Dimethylphthalate	9.798	163	984054	45.485	ng	100
51) 2,6-Dinitrotoluene	9.863	165	222858	44.882	ng	97
52) Acenaphthene	10.116	154	890964	48.533	ng	98
53) 3-Nitroaniline	10.033	138	160241	33.010	ng	95
54) 2,4-Dinitrophenol	10.139	184	261032	95.800	ng	# 87
55) Dibenzofuran	10.292	168	1185927	44.389	ng	99
56) 4-Nitrophenol	10.192	139	353091	101.274	ng	93
57) 2,4-Dinitrotoluene	10.269	165	305844	47.645	ng	91
58) Fluorene	10.633	166	939557	44.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	259393	49.070	ng	98
60) Diethylphthalate	10.498	149	943555	46.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	463851	44.510	ng	99
62) 4-Nitroaniline	10.657	138	208287	45.239	ng	99
63) Azobenzene	10.786	77	847695	46.123	ng	98
65) 4,6-Dinitro-2-methylph...	10.680	198	180564	50.866	ng	92
66) n-Nitrosodiphenylamine	10.745	169	825099	43.763	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	295716	43.876	ng	97
68) Hexachlorobenzene	11.186	284	319049	42.825	ng	98
69) Atrazine	11.269	200	286054	55.563	ng	99
70) Pentachlorophenol	11.380	266	397945	91.187	ng	97
71) Phenanthrene	11.604	178	1332413	43.979	ng	99
72) Anthracene	11.657	178	1362294	45.320	ng	100
73) Carbazole	11.810	167	1215360	44.261	ng	99
74) Di-n-butylphthalate	12.127	149	1463809	48.035	ng	100
75) Fluoranthene	12.798	202	1391501	45.250	ng	99
77) Benzidine	12.910	184	109929	21.744	ng	98
78) Pyrene	13.027	202	1416799	41.875	ng	99
80) Butylbenzylphthalate	13.633	149	536772	52.597	ng	99
81) Benzo(a)anthracene	14.221	228	1127069	46.052	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	219701	32.393	ng	98
83) Chrysene	14.257	228	1047337	44.747	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	666822	51.979	ng	99
85) Di-n-octyl phthalate	14.816	149	906389	52.299	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	909282	47.874	ng	99
88) Benzo(b)fluoranthene	15.321	252	826061	48.260	ng	99
89) Benzo(k)fluoranthene	15.351	252	845028	50.252	ng	99
90) Benzo(a)pyrene	15.721	252	740029	50.631	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	744941	47.472	ng	99
92) Benzo(g,h,i)perylene	17.915	276	715270	43.390	ng	99

(#) = 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: BF138000.D
Acq: 22 May 2024 12:14

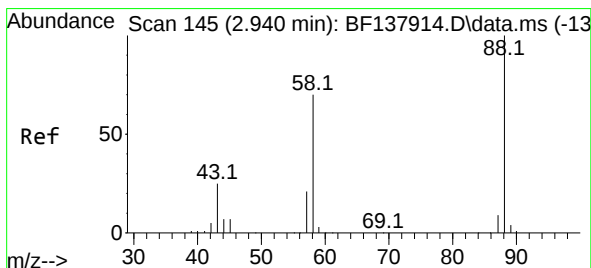
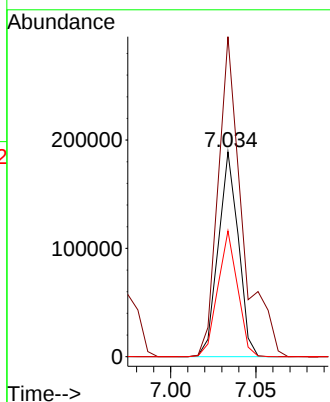
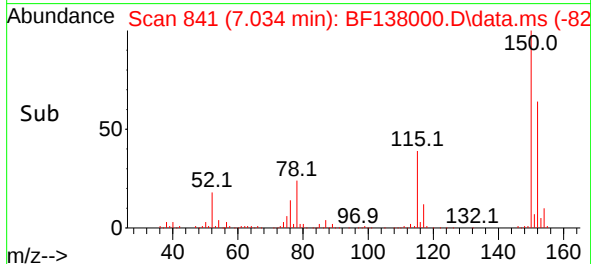
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



Tgt Ion:152 Resp: 154652
Ion Ratio Lower Upper
152 100
150 156.2 125.7 188.5
115 61.4 47.0 70.6

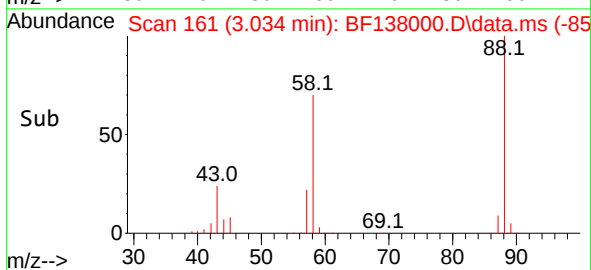
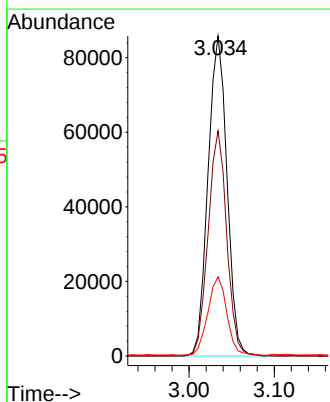
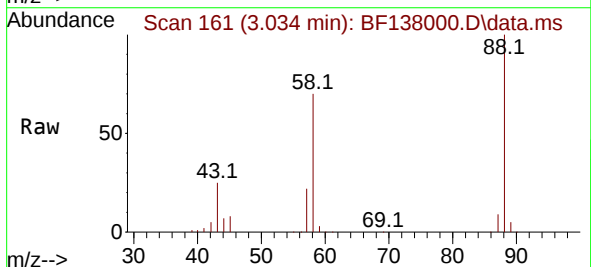
Manual Integrations
APPROVED

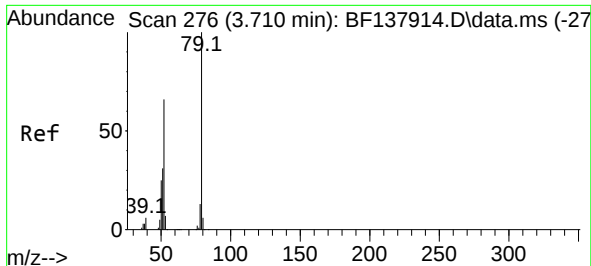
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#2
1,4-Dioxane
Concen: 33.585 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.094 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

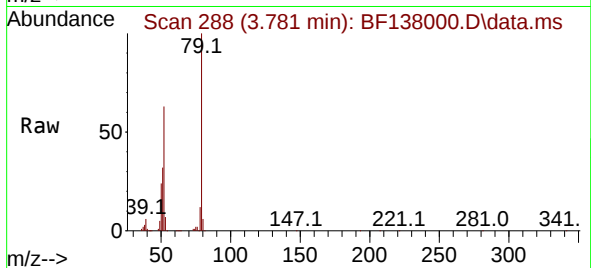
Tgt Ion: 88 Resp: 132465
Ion Ratio Lower Upper
88 100
58 69.1 54.4 81.6
43 24.5 19.6 29.4





#3
Pyridine
Concen: 37.259 ng
RT: 3.781 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

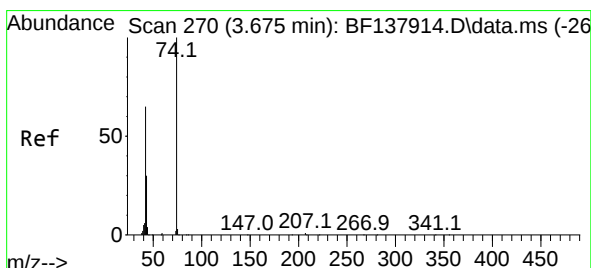
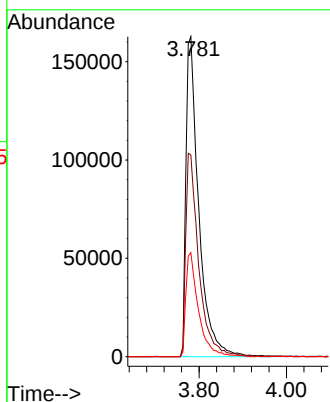
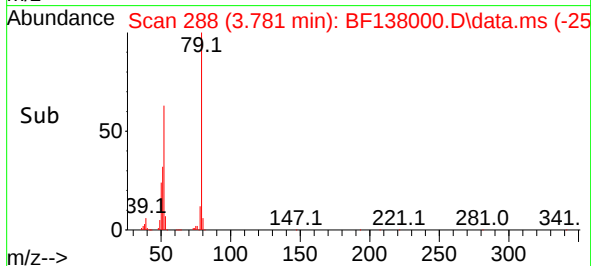
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



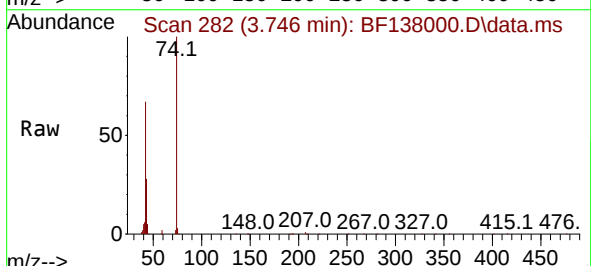
Tgt Ion: 79 Resp: 329735
Ion Ratio Lower Upper
79 100
52 63.0 52.5 78.7
51 32.5 25.1 37.7

Manual Integrations
APPROVED

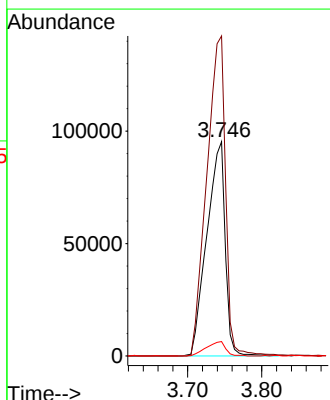
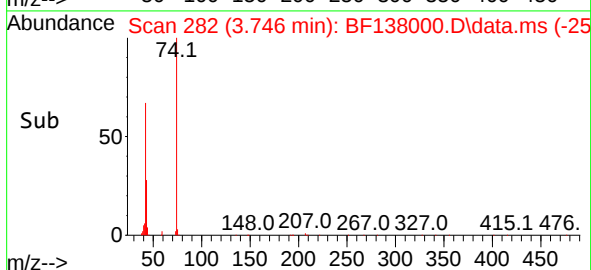
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

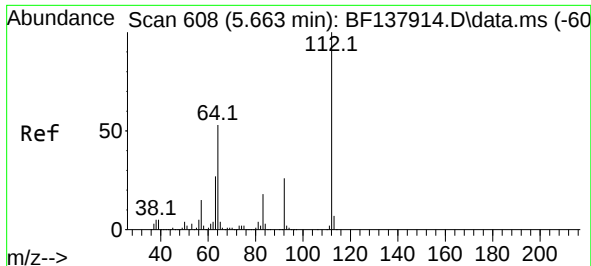


#4
n-Nitrosodimethylamine
Concen: 41.992 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.071 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion: 42 Resp: 163939
Ion Ratio Lower Upper
42 100
74 149.3 123.1 184.7
44 6.7 5.0 7.6





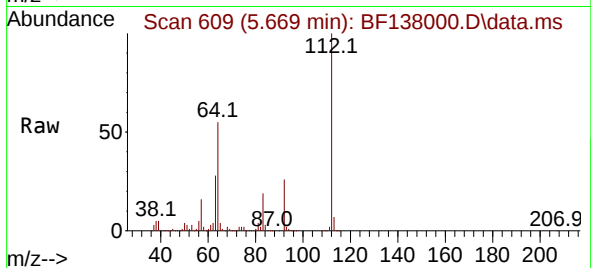
#5
2-Fluorophenol
Concen: 119.471 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



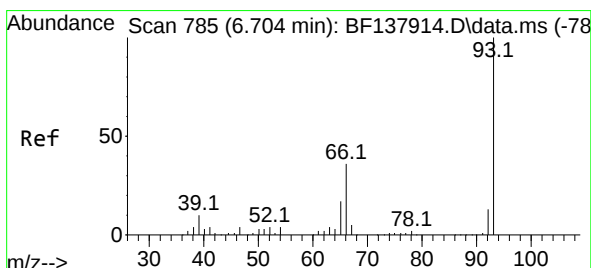
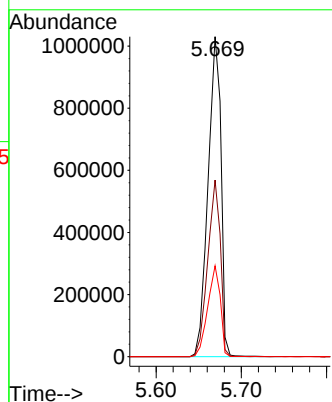
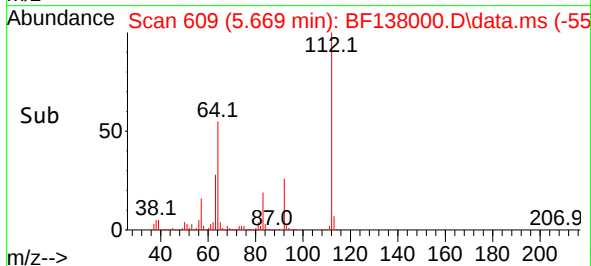
Tgt Ion: 112 Resp: 108771
Ion Ratio Lower Upper
112 100
64 55.2 42.4 63.6
63 28.4 21.4 32.2

Manual Integrations

APPROVED

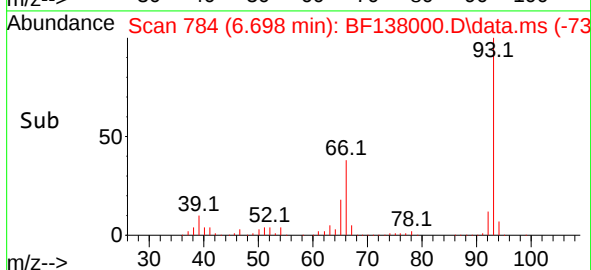
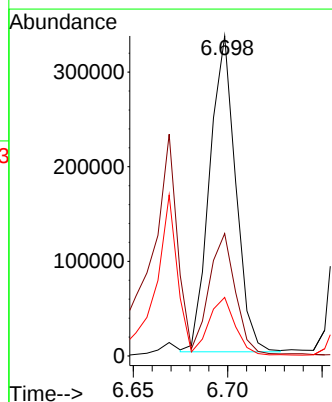
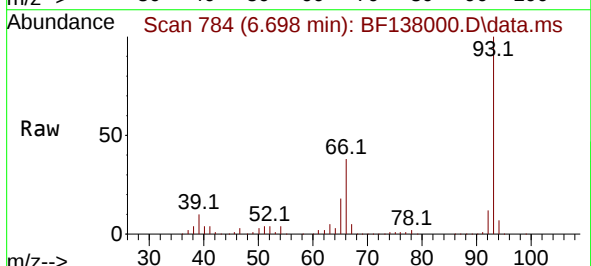
Reviewed By :Yogesh Patel 05/24/2024

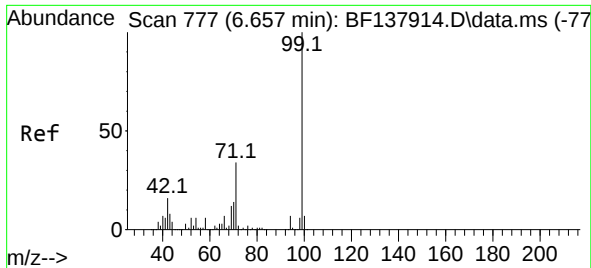
Supervised By :mohammad ahmed 05/24/2024



#6
Aniline
Concen: 31.937 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

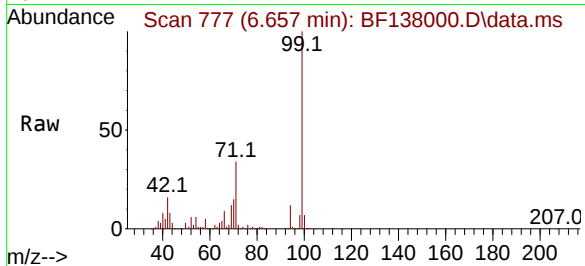
Tgt Ion: 93 Resp: 320365
Ion Ratio Lower Upper
93 100
66 38.3 30.7 46.1
65 18.3 15.0 22.4





#7
Phenol-d6
Concen: 119.948 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

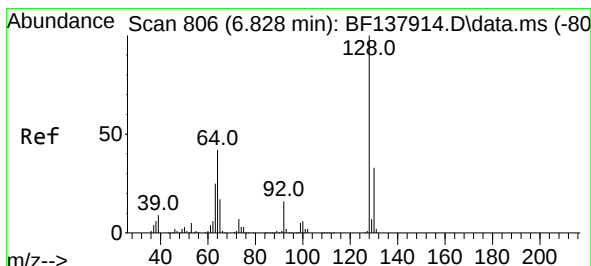
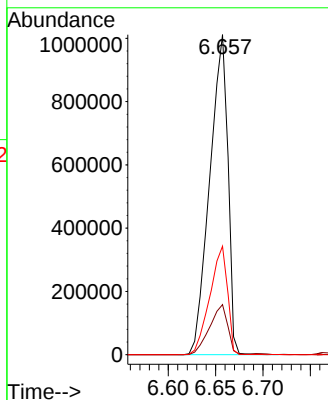
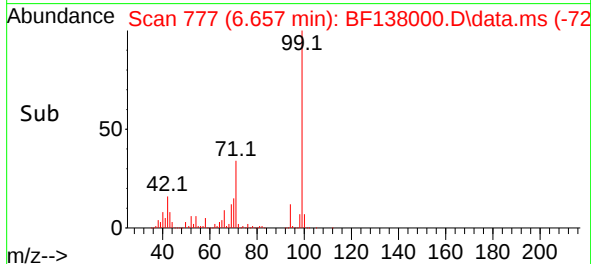
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



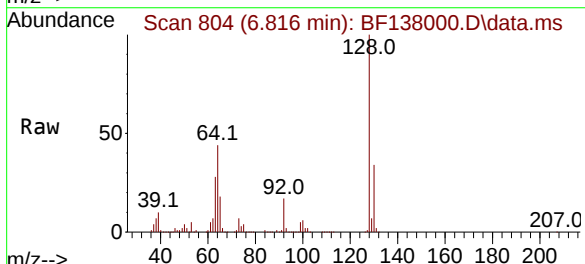
Tgt Ion: 99 Resp: 1345240
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.9 27.1 40.7

Manual Integrations
APPROVED

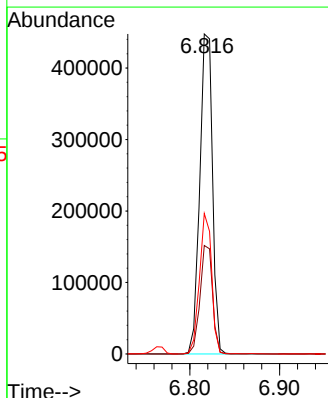
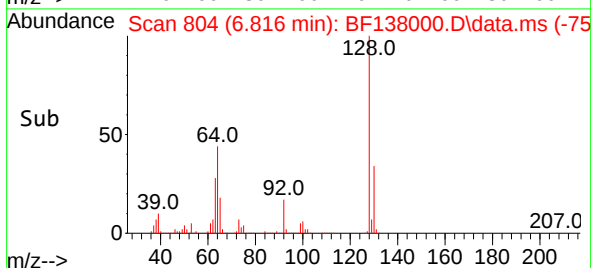
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

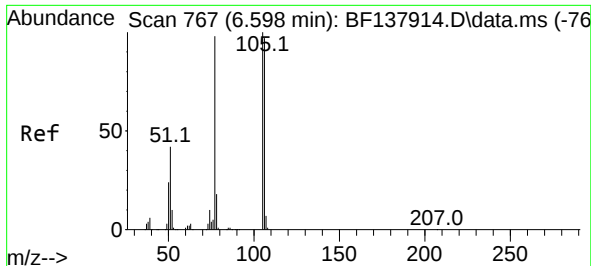


#8
2-Chlorophenol
Concen: 44.853 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:128 Resp: 441929
Ion Ratio Lower Upper
128 100
130 33.9 12.8 52.8
64 43.9 22.2 62.2





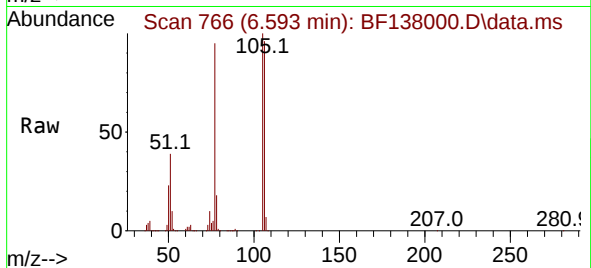
#9
Benzaldehyde
Concen: 59.051 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



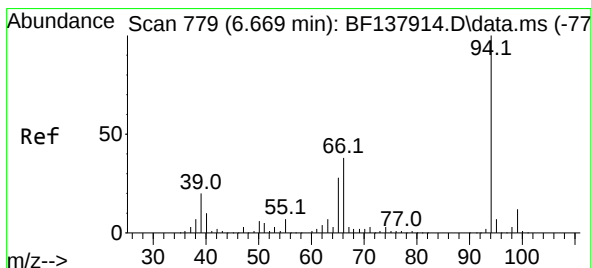
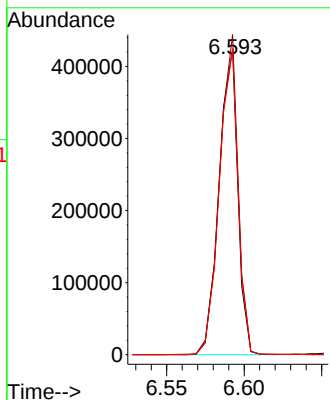
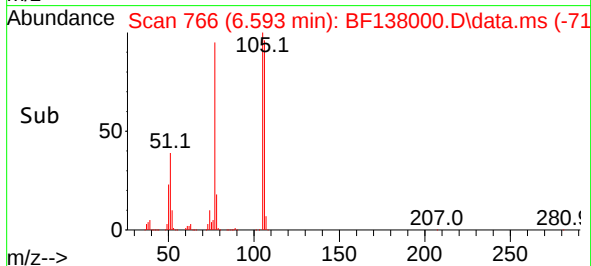
Tgt Ion: 77 Resp: 35830
Ion Ratio Lower Upper
77 100
105 104.9 82.3 122.3
106 100.3 79.2 119.2

Manual Integrations

APPROVED

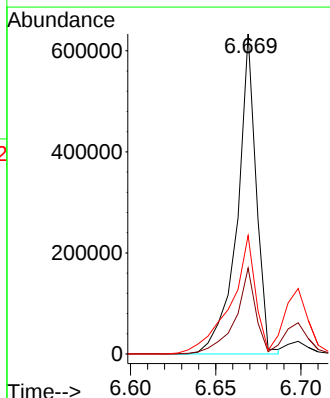
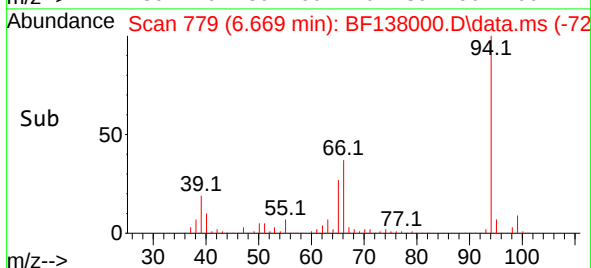
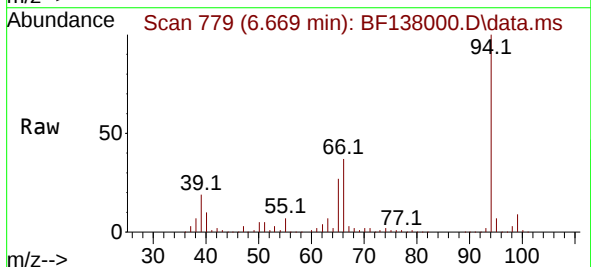
Reviewed By :Yogesh Patel 05/24/2024

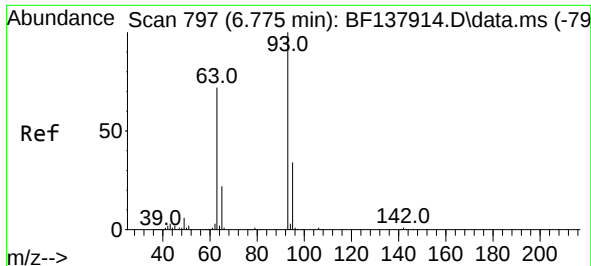
Supervised By :mohammad ahmed 05/24/2024



#10
Phenol
Concen: 43.261 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 94 Resp: 489720
Ion Ratio Lower Upper
94 100
65 26.9 7.8 47.8
66 37.0 18.6 58.6





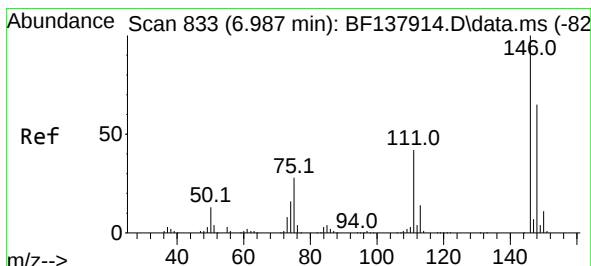
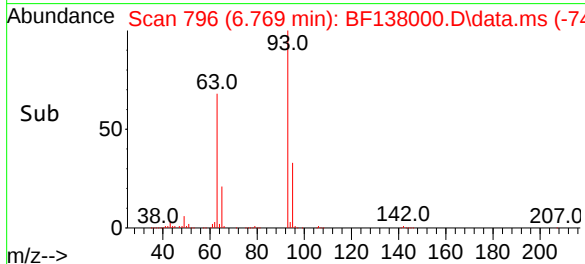
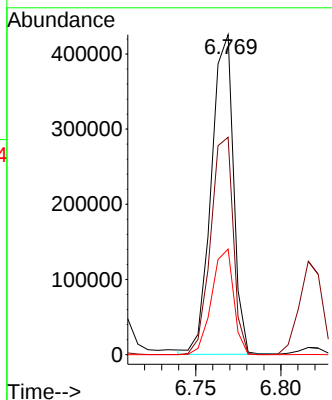
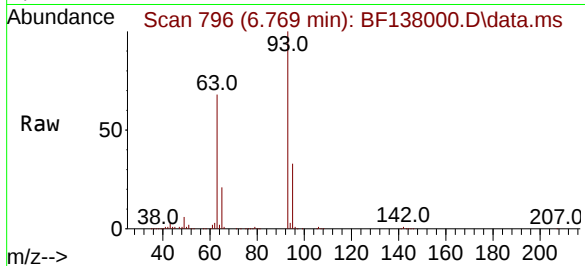
#11
bis(2-Chloroethyl)ether
Concen: 44.208 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :
BNA_F
ClientSampleId :
PB161028BSD

Tgt Ion: 93 Resp: 38424
Ion Ratio Lower Upper
93 100
63 68.0 51.4 91.4
95 33.0 13.5 53.5

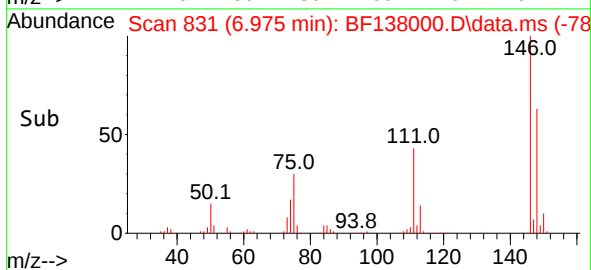
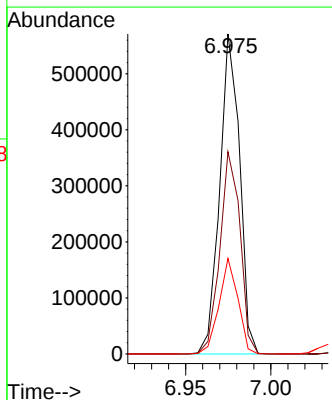
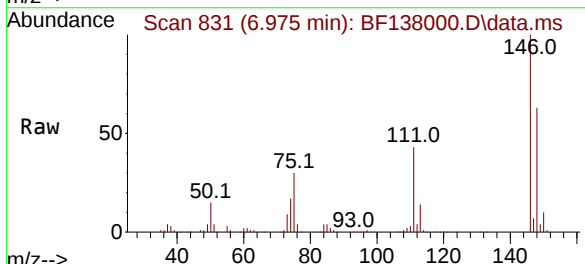
Manual Integrations
APPROVED

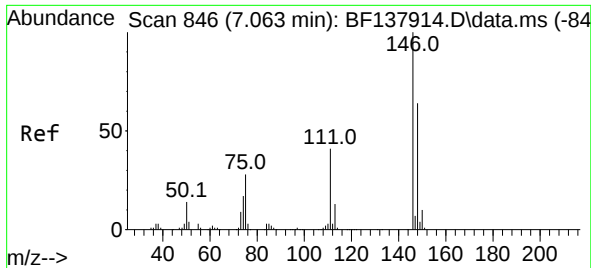
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#12
1,3-Dichlorobenzene
Concen: 40.688 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

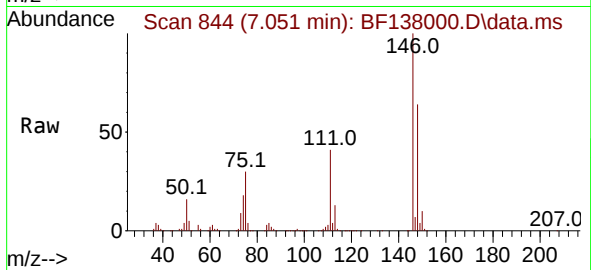
Tgt Ion:146 Resp: 463832
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
75 29.9 22.4 33.6





#13
1,4-Dichlorobenzene
Concen: 41.224 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

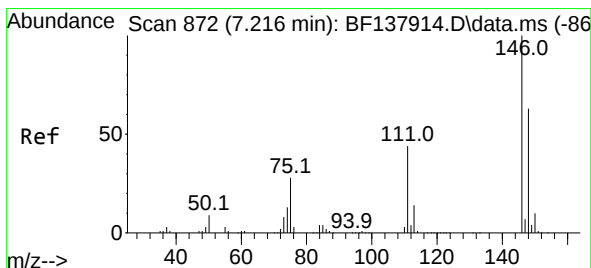
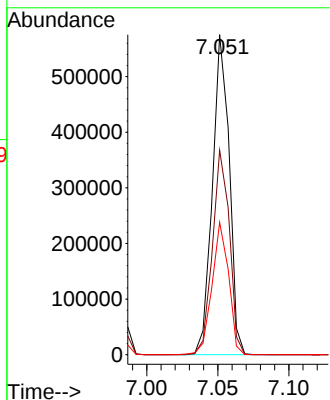
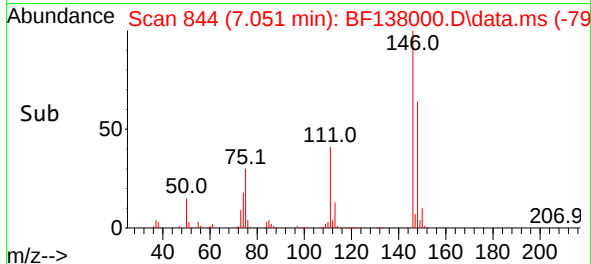
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



Tgt Ion:146 Resp: 47170
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 41.3 32.5 48.7

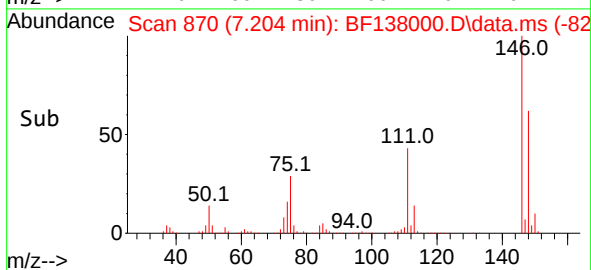
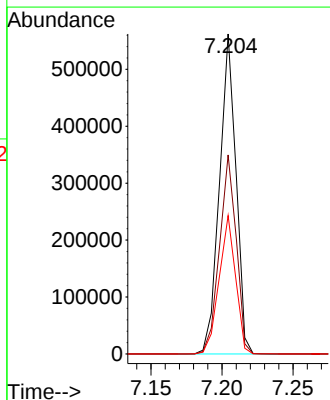
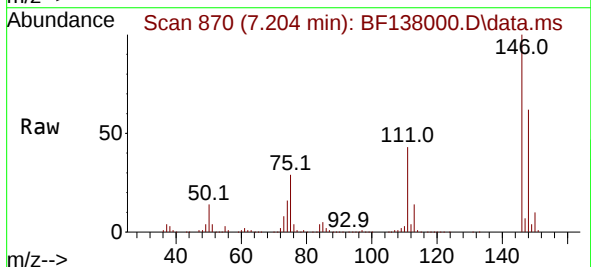
Manual Integrations
APPROVED

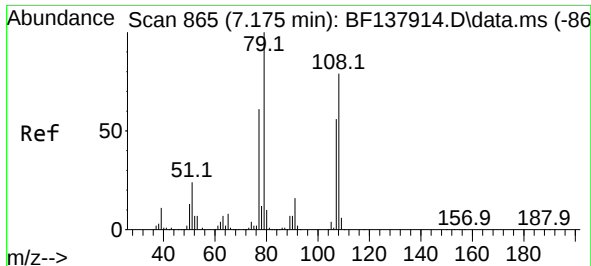
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#14
1,2-Dichlorobenzene
Concen: 42.064 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

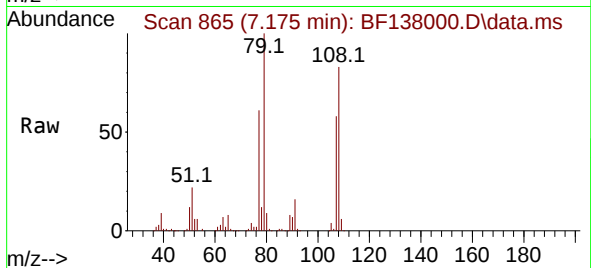
Tgt Ion:146 Resp: 453001
Ion Ratio Lower Upper
146 100
148 62.2 50.2 75.4
111 43.3 35.1 52.7





#15
Benzyl Alcohol
Concen: 47.140 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

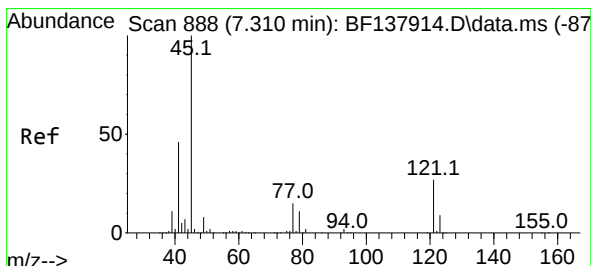
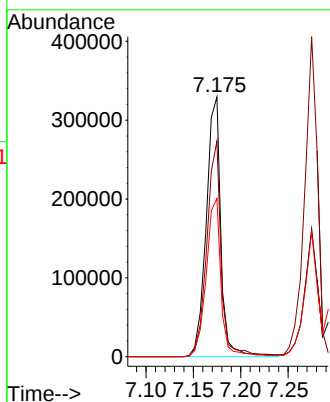
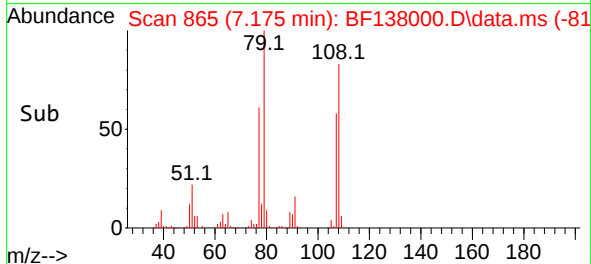
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



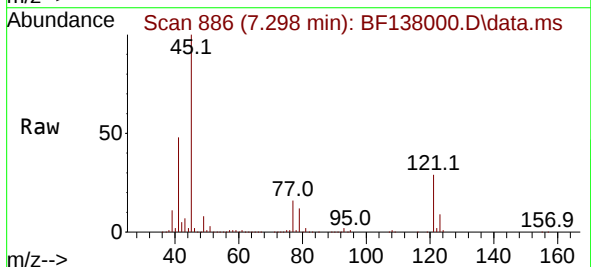
Tgt Ion: 79 Resp: 353029
Ion Ratio Lower Upper
79 100
108 83.0 62.8 94.2
77 60.9 48.7 73.1

Manual Integrations
APPROVED

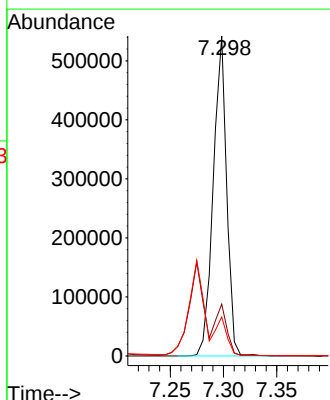
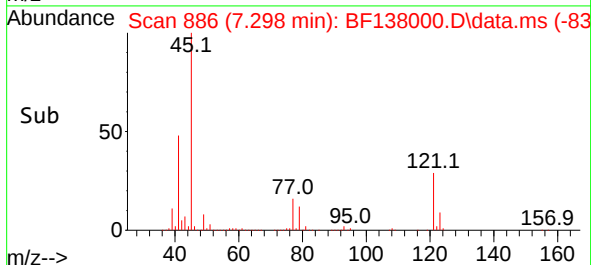
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

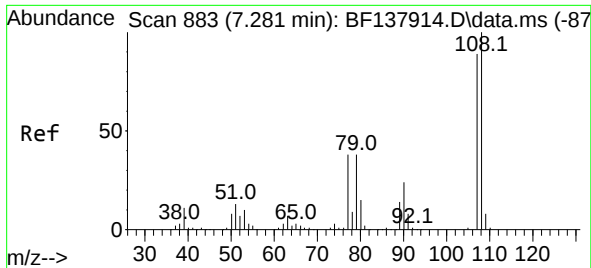


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.268 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion: 45 Resp: 472965
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.3
79 12.2 0.0 32.1





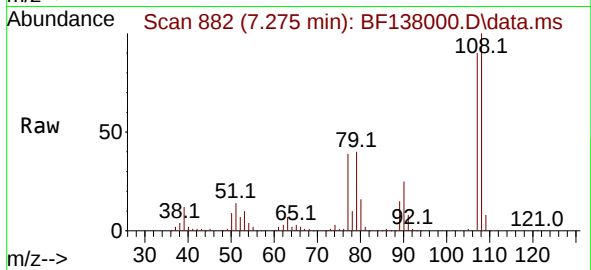
#17
2-Methylphenol
Concen: 44.460 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



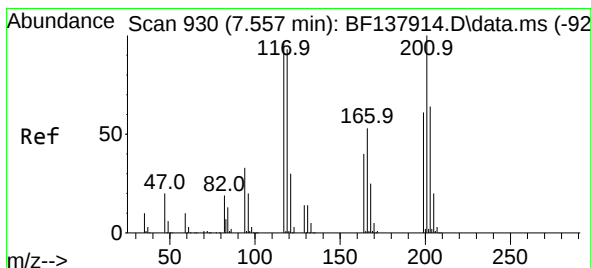
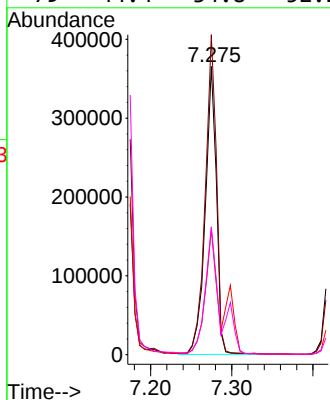
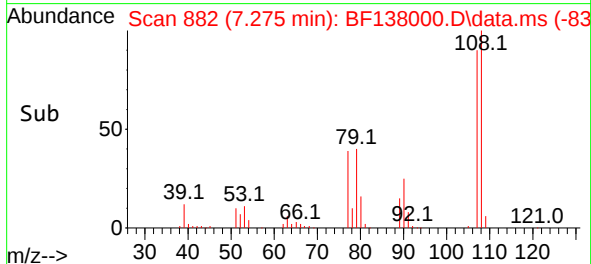
Tgt Ion:107 Resp: 349349
Ion Ratio Lower Upper
107 100
108 111.0 90.1 135.1
77 43.5 34.3 51.5
79 44.4 34.8 52.2

Manual Integrations

APPROVED

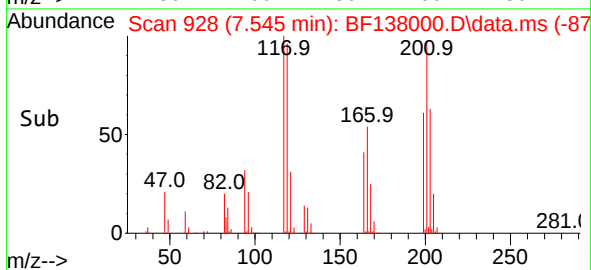
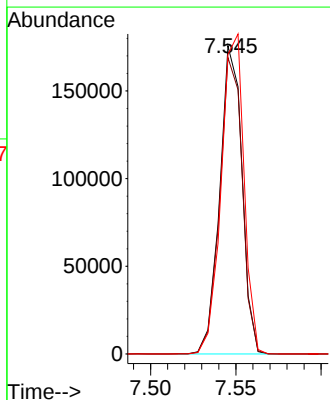
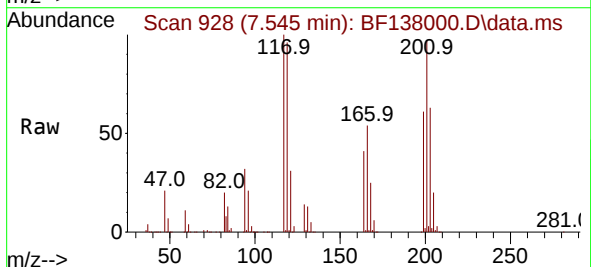
Reviewed By :Yogesh Patel 05/24/2024

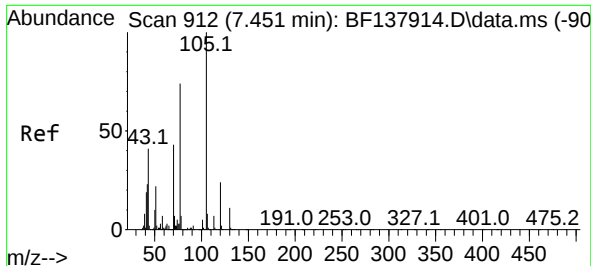
Supervised By :mohammad ahmed 05/24/2024



#18
Hexachloroethane
Concen: 41.169 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

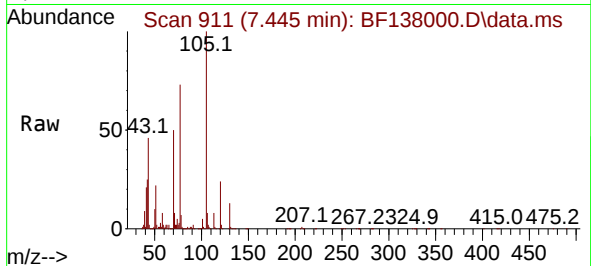
Tgt Ion:117 Resp: 159410
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2
201 97.2 82.7 124.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.942 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

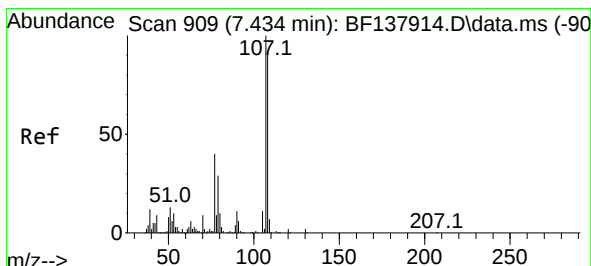
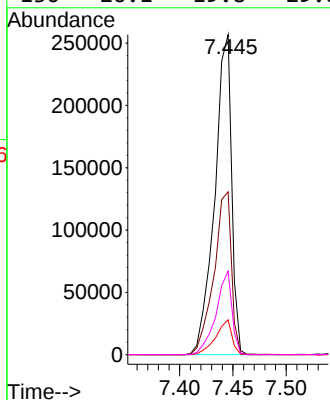
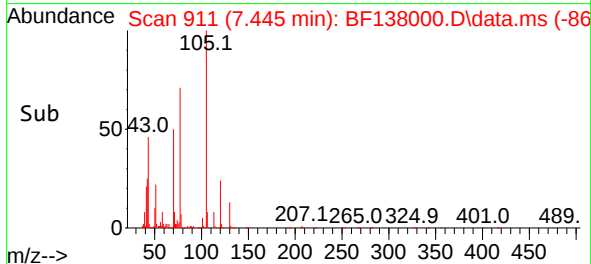
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



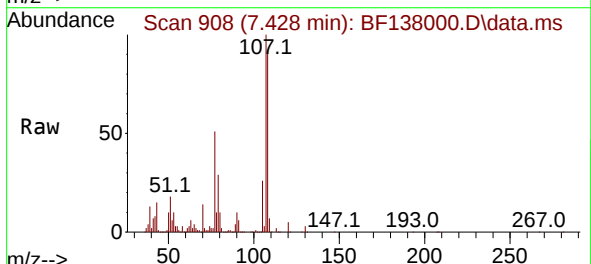
Tgt Ion: 70 Resp: 28317
Ion Ratio Lower Upper
70 100
42 50.9 42.2 63.4
101 10.9 8.8 13.2
130 26.1 19.8 29.8

Manual Integrations
APPROVED

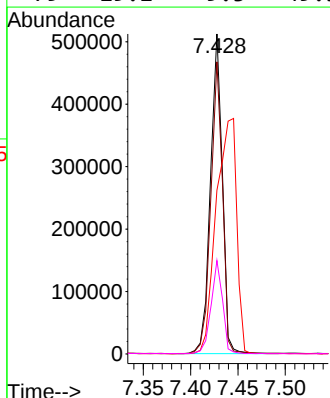
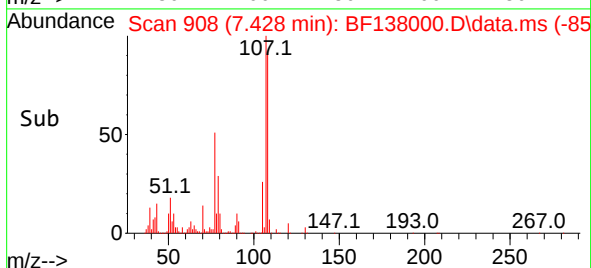
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

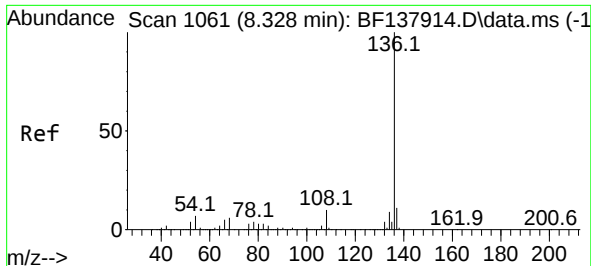


#20
3+4-Methylphenols
Concen: 43.258 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:107 Resp: 445288
Ion Ratio Lower Upper
107 100
108 91.3 70.8 110.8
77 51.2 20.2 60.2
79 29.2 9.3 49.3





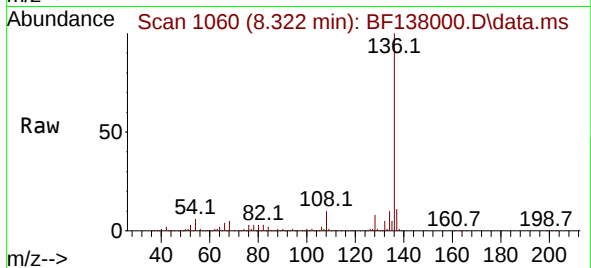
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



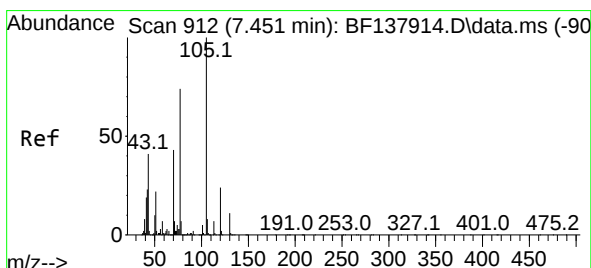
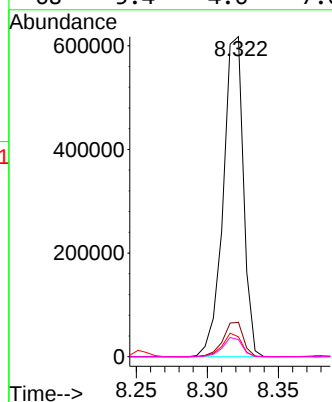
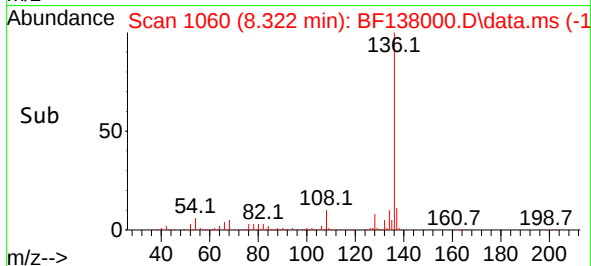
Tgt Ion:136 Resp: 611970
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.2 5.4 8.2
68 5.4 4.6 7.0

Manual Integrations

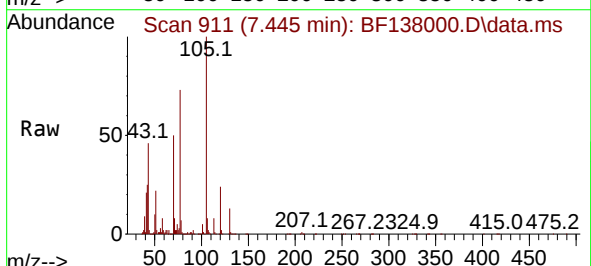
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

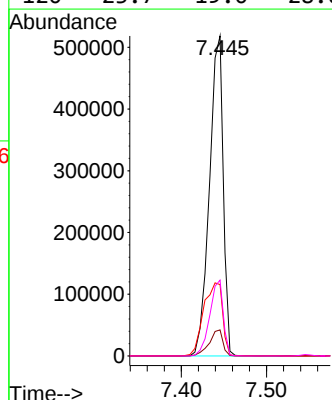
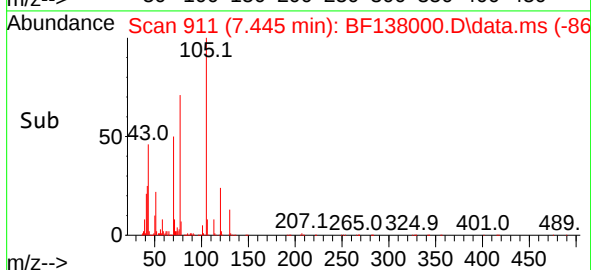
Supervised By :mohammad ahmed 05/24/2024

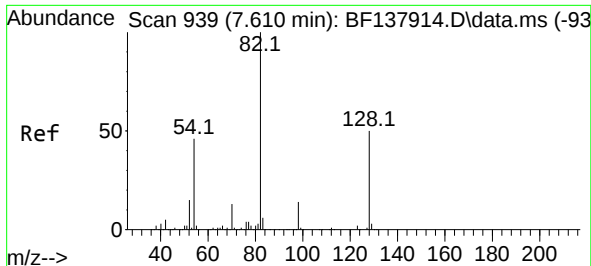


#22
Acetophenone
Concen: 42.610 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:105 Resp: 584145
Ion Ratio Lower Upper
105 100
71 8.2 5.7 8.5
51 22.3 17.8 26.8
120 23.7 19.0 28.6





#23

Nitrobenzene-d5

Concen: 79.780 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

Tgt Ion: 82 Resp: 829608

Ion Ratio Lower Upper

82 100

128 48.1 40.3 60.5

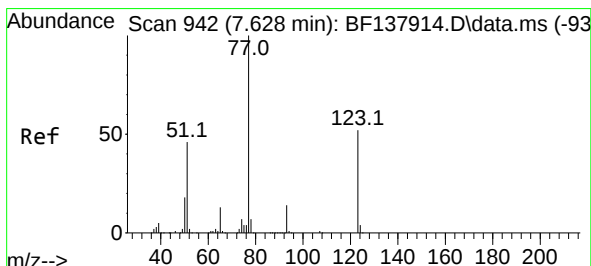
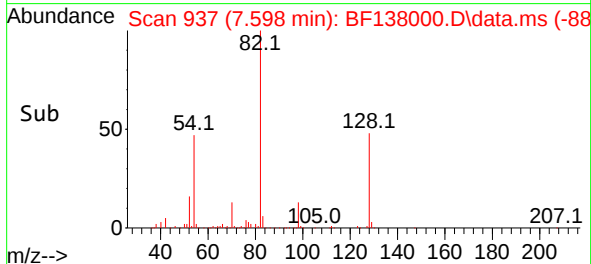
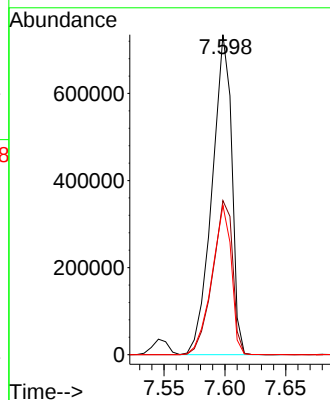
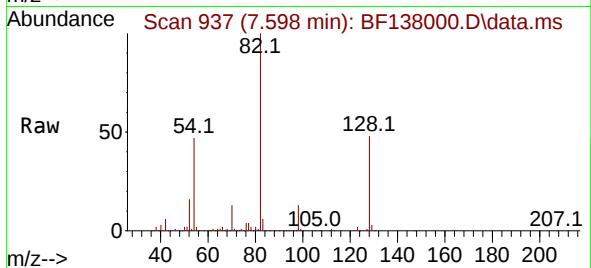
54 46.6 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#24

Nitrobenzene

Concen: 40.808 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

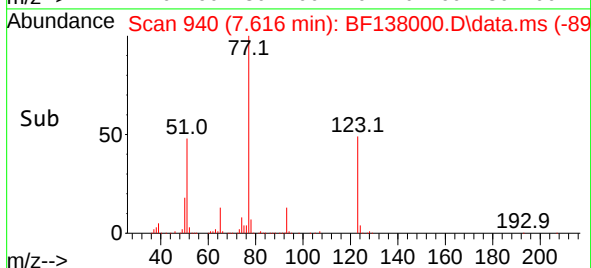
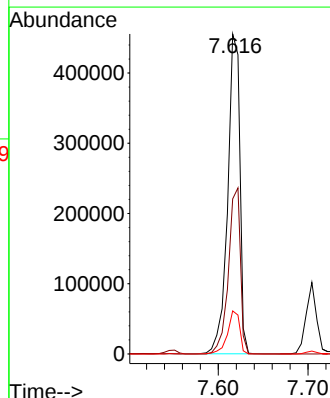
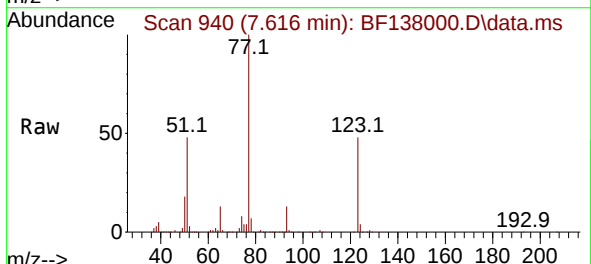
Tgt Ion: 77 Resp: 430483

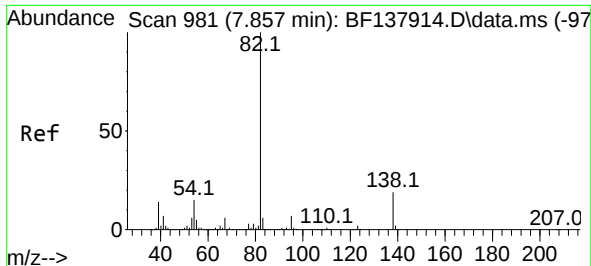
Ion Ratio Lower Upper

77 100

123 48.5 41.4 62.2

65 13.4 10.5 15.7





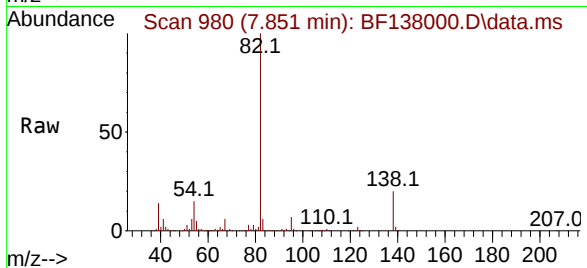
#25
Isophorone
Concen: 43.722 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

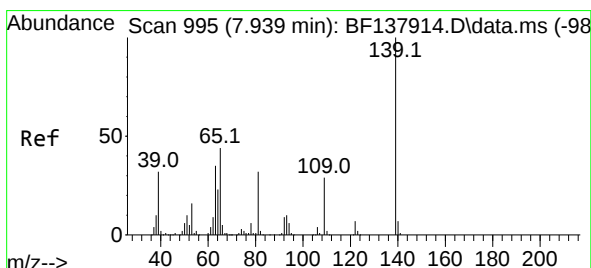
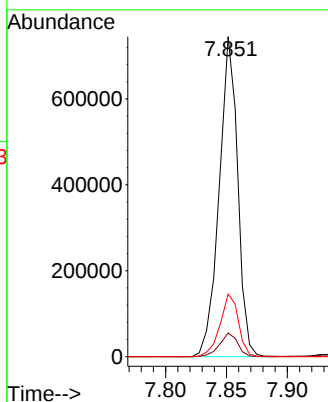
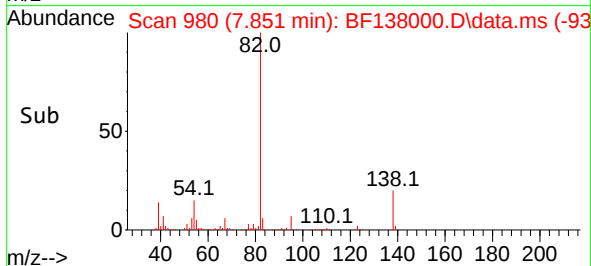


Tgt Ion: 82 Resp: 789075
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.6 15.0 22.4

Manual Integrations

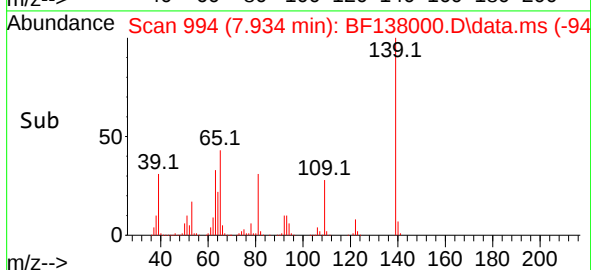
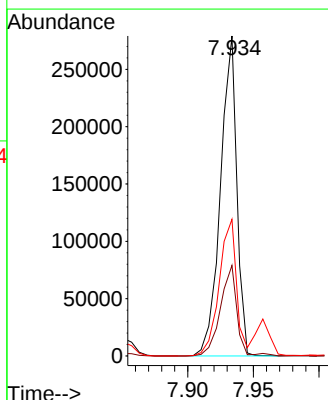
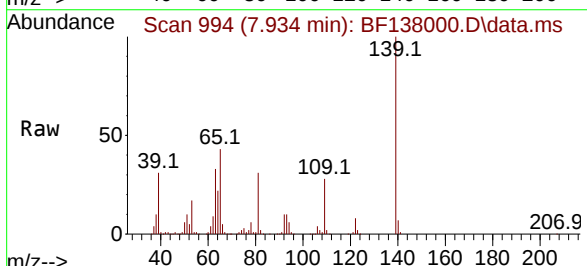
APPROVED

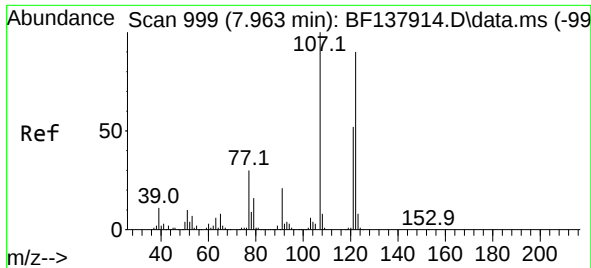
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#26
2-Nitrophenol
Concen: 45.573 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:139 Resp: 241565
Ion Ratio Lower Upper
139 100
109 28.3 22.8 34.2
65 42.7 35.2 52.8





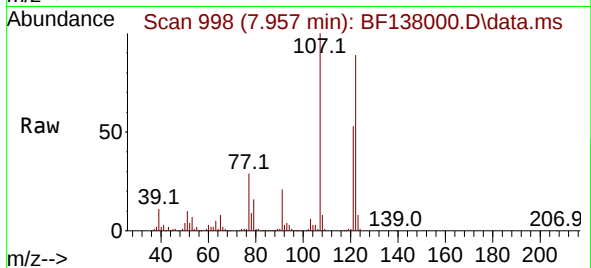
#27
2,4-Dimethylphenol
Concen: 47.407 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



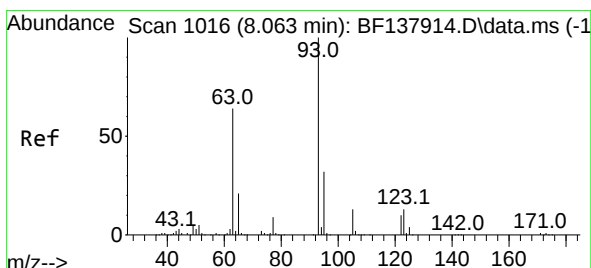
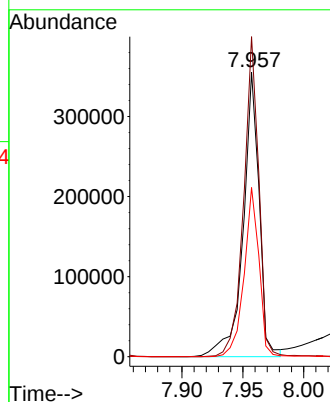
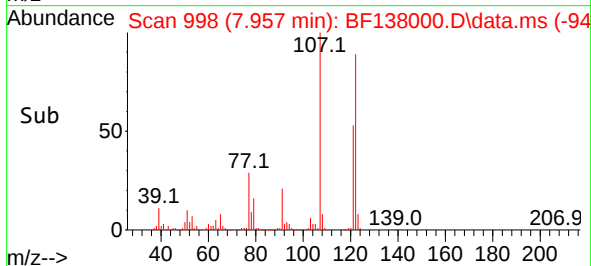
Tgt Ion:122 Resp: 323524
Ion Ratio Lower Upper
122 100
107 112.5 89.0 133.4
121 59.4 46.2 69.4

Manual Integrations

APPROVED

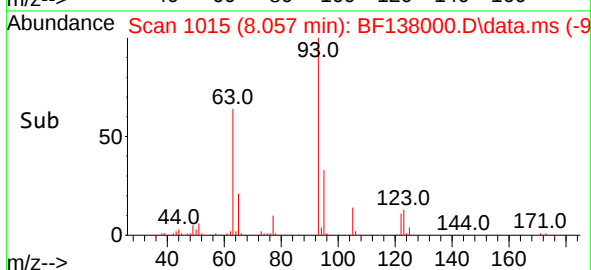
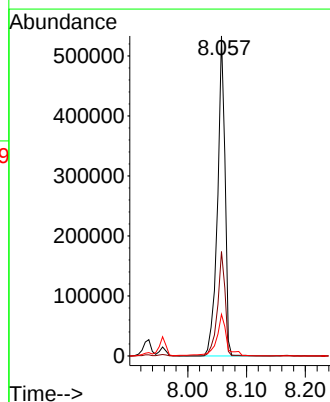
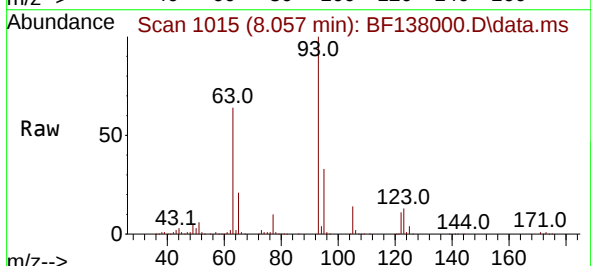
Reviewed By :Yogesh Patel 05/24/2024

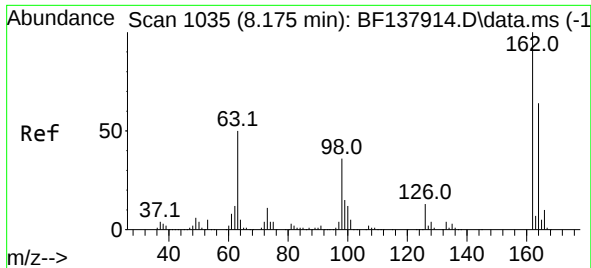
Supervised By :mohammad ahmed 05/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.264 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion: 93 Resp: 473233
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 13.0 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 43.948 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

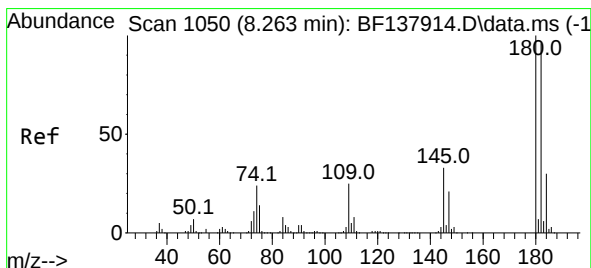
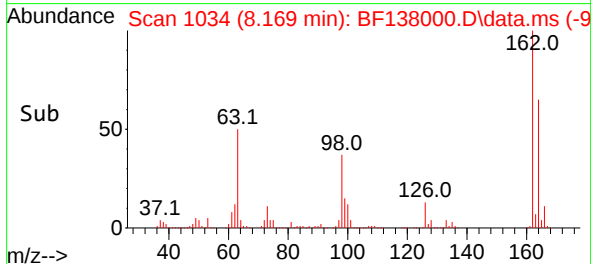
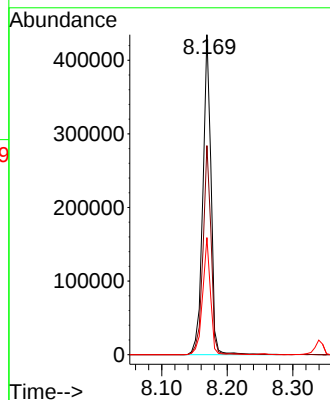
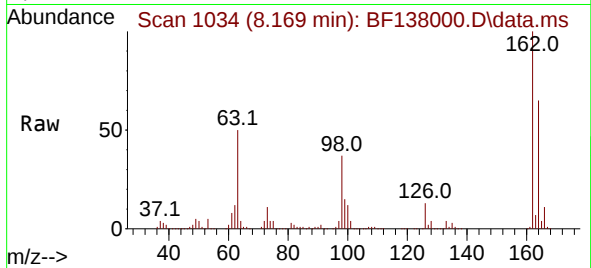
Tgt Ion:162 Resp: 37715
 Ion Ratio Lower Upper
 162 100
 164 65.4 44.3 84.3
 98 36.6 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.310 ng

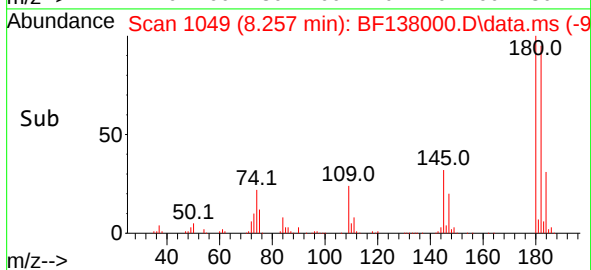
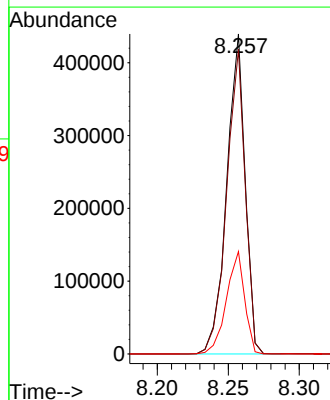
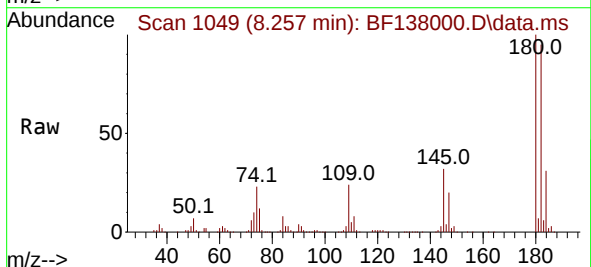
RT: 8.257 min Scan# 1049

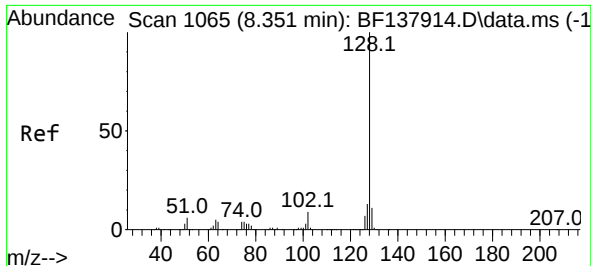
Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

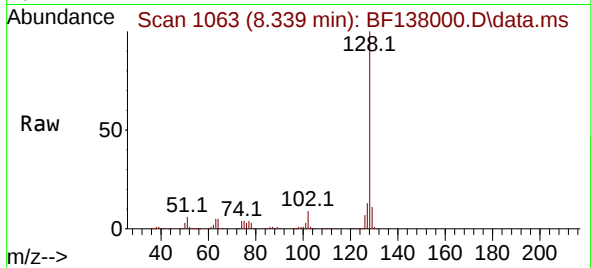
Tgt Ion:180 Resp: 395820
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.5 114.7
 145 32.0 26.2 39.2





#31
Naphthalene
Concen: 41.395 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

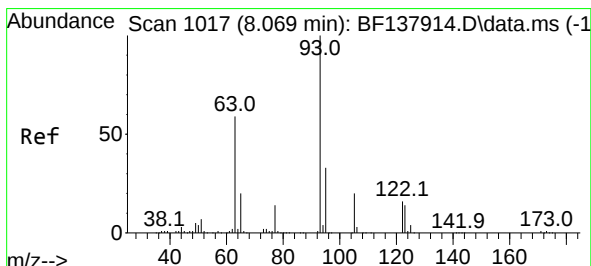
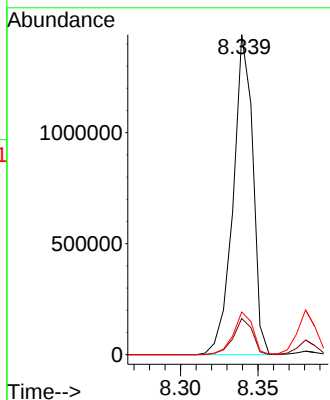
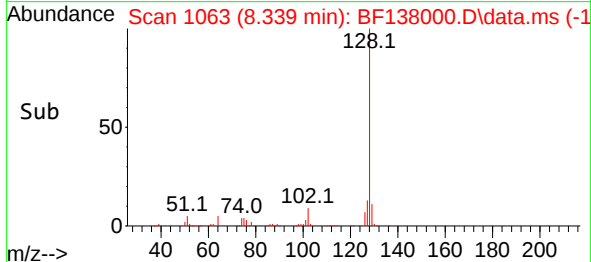
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



Tgt Ion:128 Resp: 127373
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.6 16.0

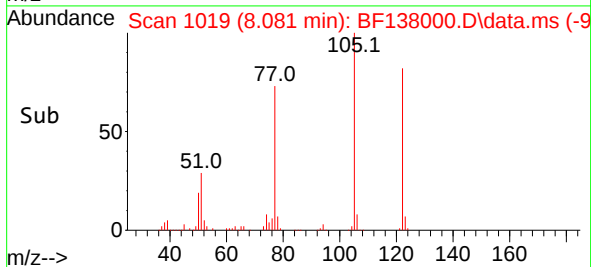
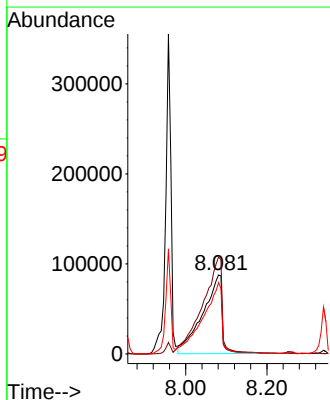
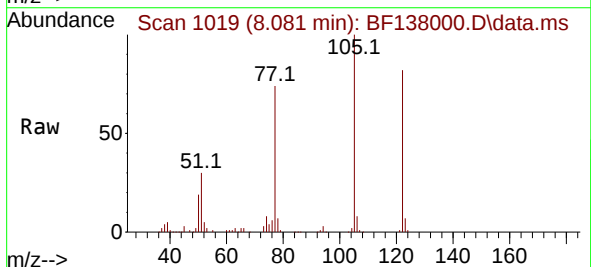
Manual Integrations
APPROVED

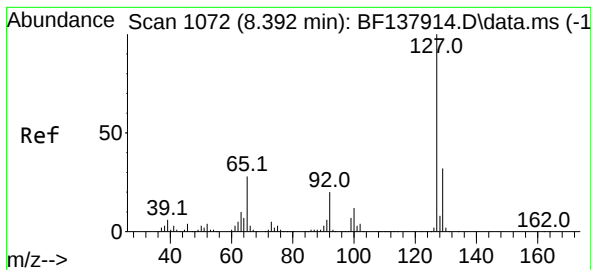
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#32
Benzoic acid
Concen: 50.877 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:122 Resp: 293502
Ion Ratio Lower Upper
122 100
105 122.4 103.8 143.8
77 90.2 68.4 108.4





#33

4-Chloroaniline

Concen: 17.987 ng

RT: 8.381 min Scan# 1072

Delta R.T. -0.012 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

Tgt Ion:127 Resp: 18143

Ion Ratio Lower Upper

127 100

129 32.7 25.4 38.2

65 27.9 22.0 33.0

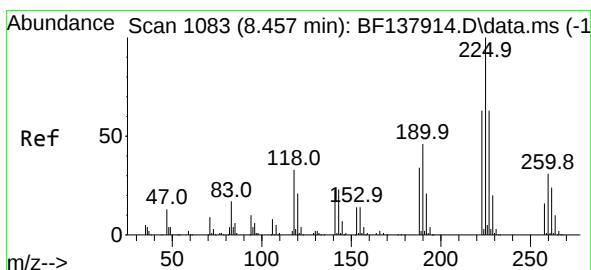
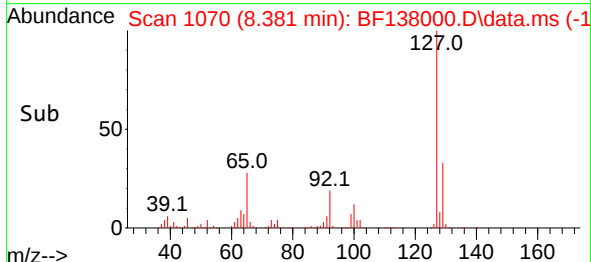
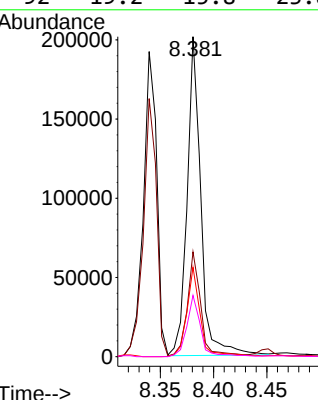
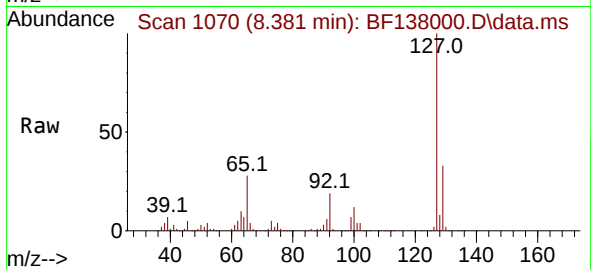
92 19.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#34

Hexachlorobutadiene

Concen: 39.804 ng

RT: 8.451 min Scan# 1082

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

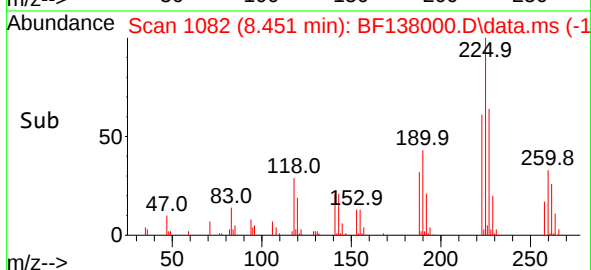
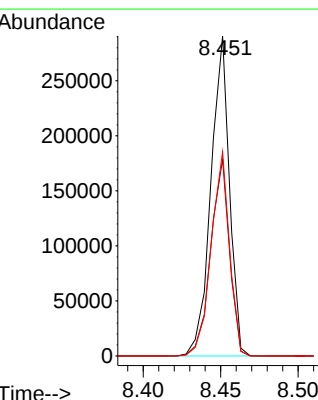
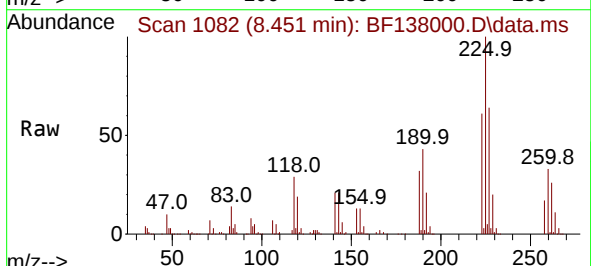
Tgt Ion:225 Resp: 241404

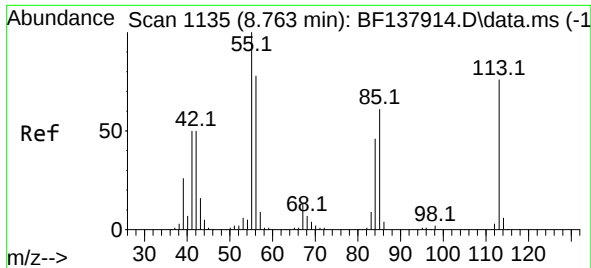
Ion Ratio Lower Upper

225 100

223 61.5 50.0 75.0

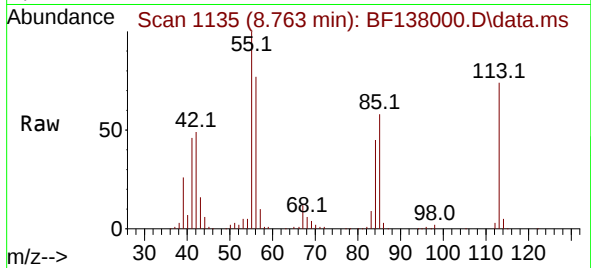
227 63.9 50.2 75.4





#35
Caprolactam
Concen: 49.385 ng m
RT: 8.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

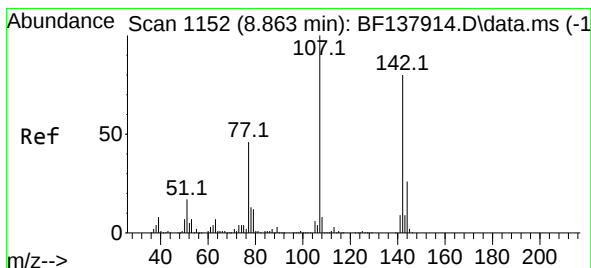
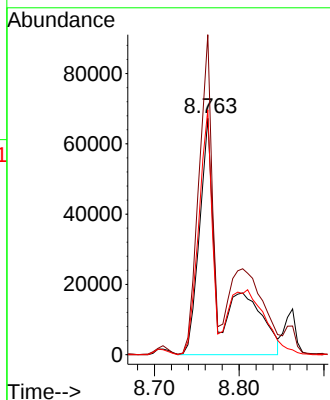
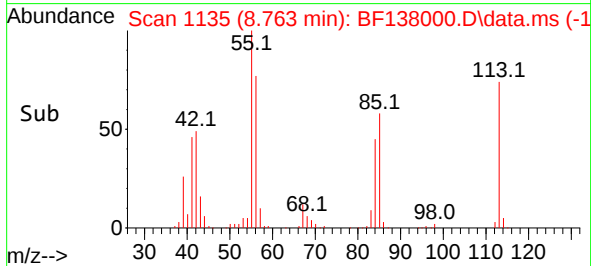
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



Tgt Ion:113 Resp: 122784
Ion Ratio Lower Upper
113 100
55 135.4 112.3 152.3
56 103.6 82.7 122.7

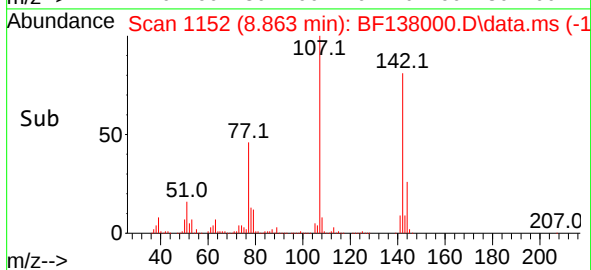
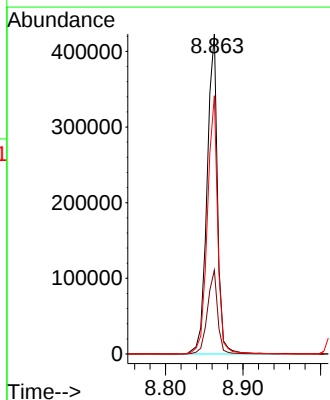
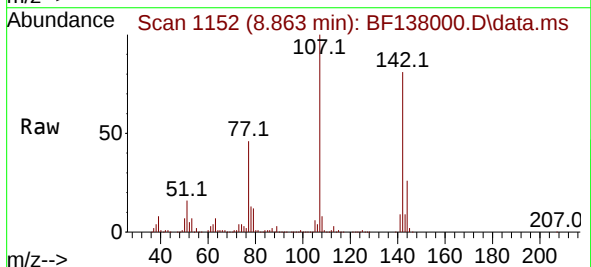
Manual Integrations
APPROVED

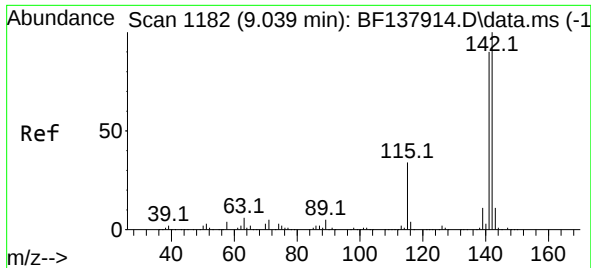
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#36
4-Chloro-3-methylphenol
Concen: 45.254 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:107 Resp: 395064
Ion Ratio Lower Upper
107 100
144 26.2 20.7 31.1
142 80.7 64.0 96.0





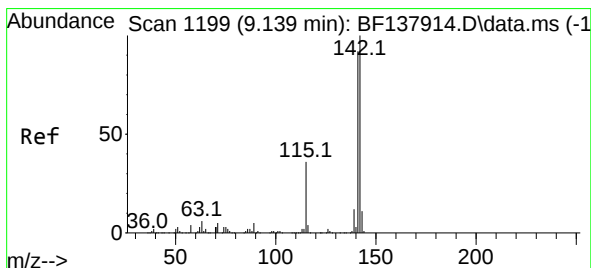
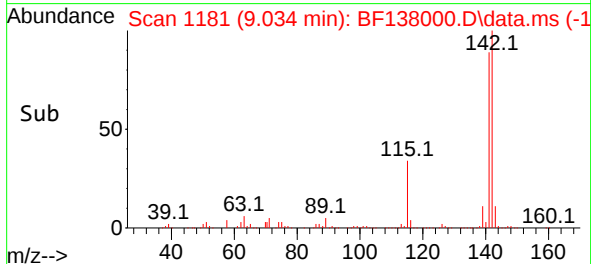
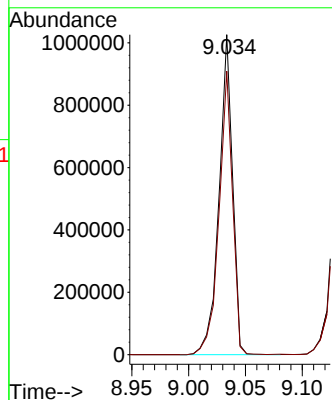
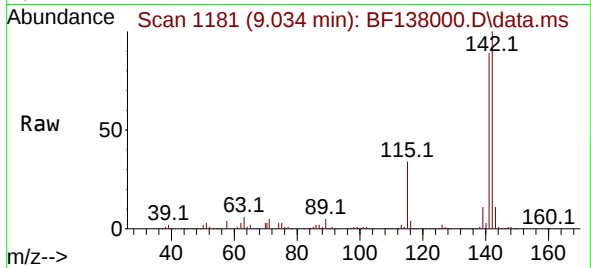
#37
2-Methylnaphthalene
Concen: 43.021 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :
BNA_F
ClientSampleId :
PB161028BSD

Tgt Ion:142 Resp: 85090
Ion Ratio Lower Upper
142 100
141 88.6 72.0 108.0

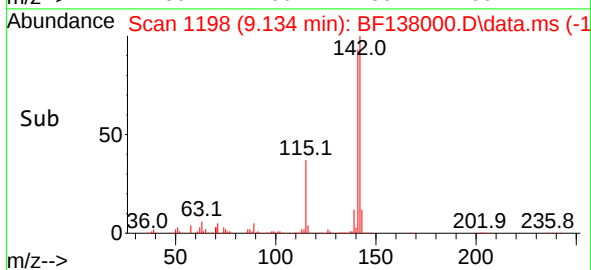
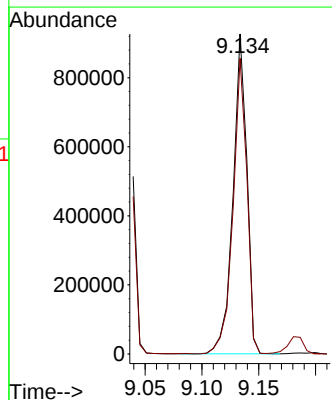
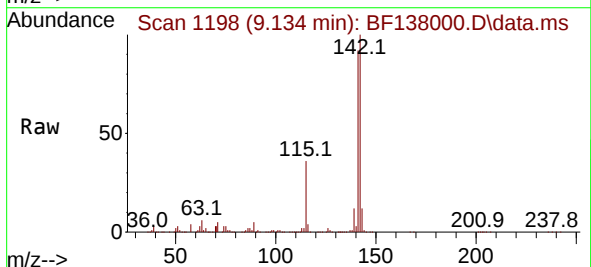
Manual Integrations
APPROVED

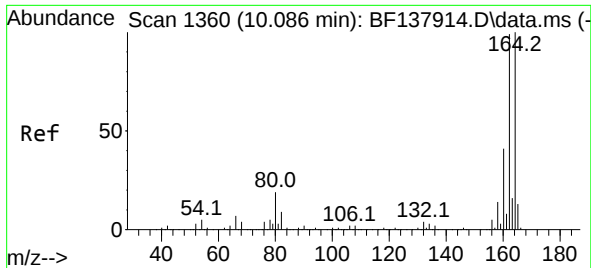
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#38
1-Methylnaphthalene
Concen: 40.256 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

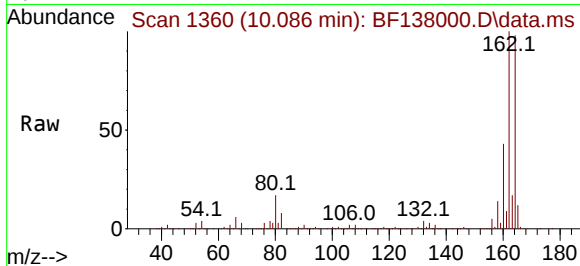
Tgt Ion:142 Resp: 782757
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

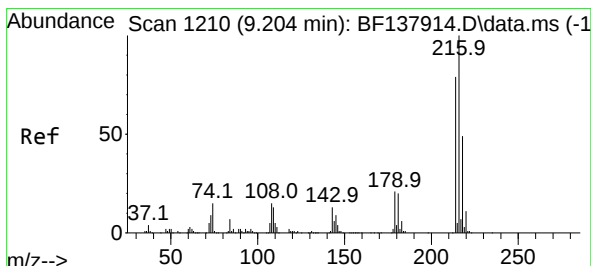
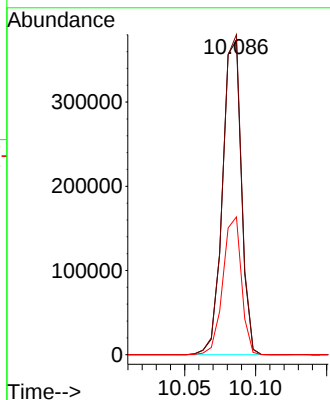
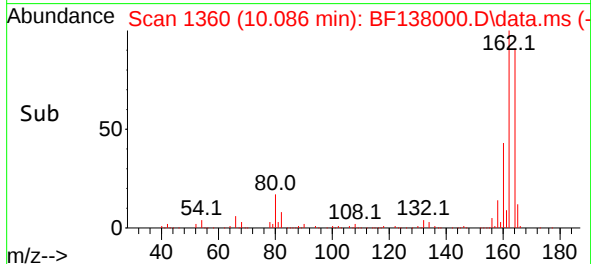
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



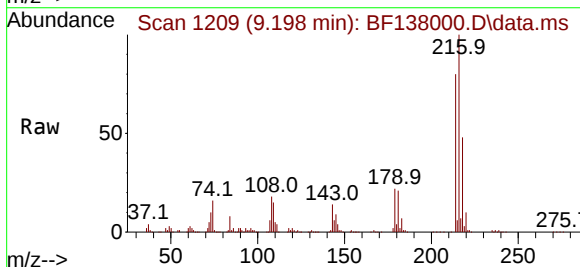
Tgt Ion:164 Resp: 345009
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 43.8 33.1 49.7

Manual Integrations
APPROVED

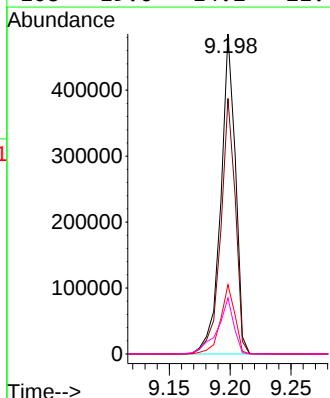
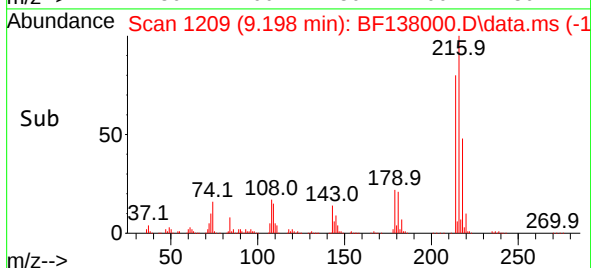
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

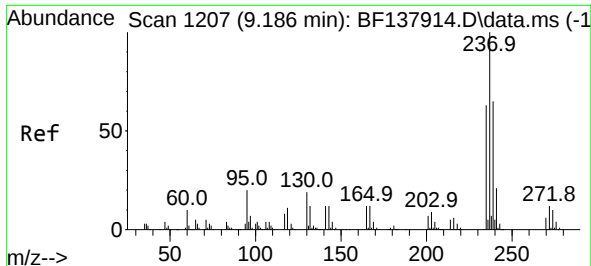


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.177 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



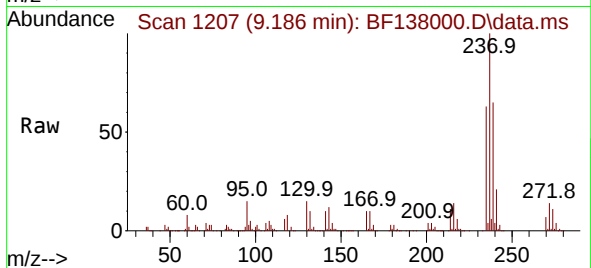
Tgt Ion:216 Resp: 404980
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.2
179 21.3 17.0 25.4
108 19.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 121.919 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

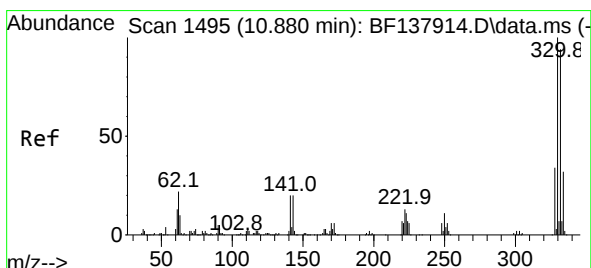
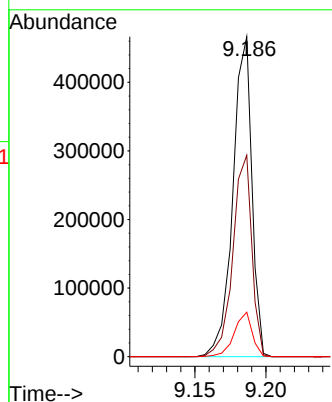
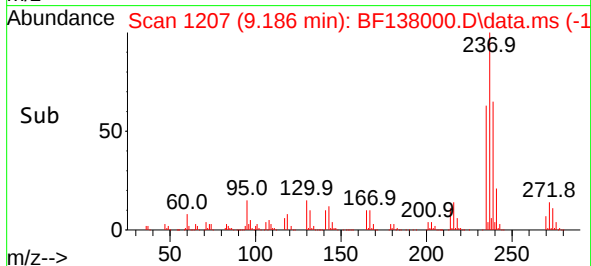
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



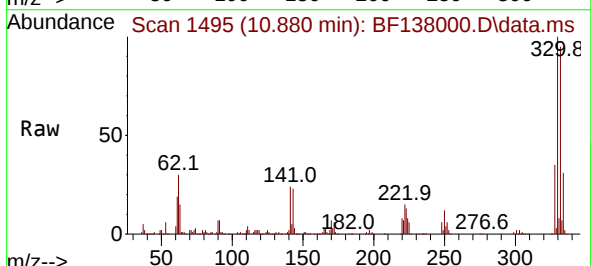
Tgt Ion:237 Resp: 434510
Ion Ratio Lower Upper
237 100
235 62.9 42.8 82.8
272 13.9 0.0 32.0

Manual Integrations
APPROVED

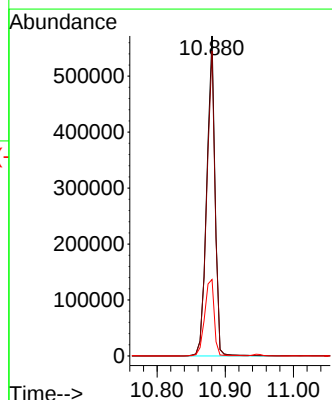
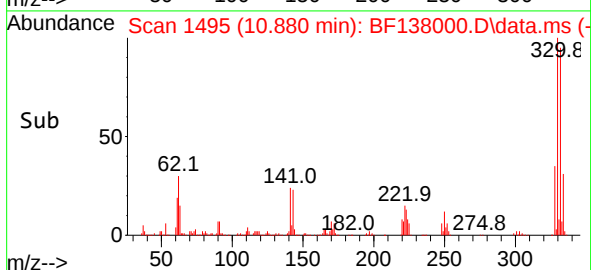
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

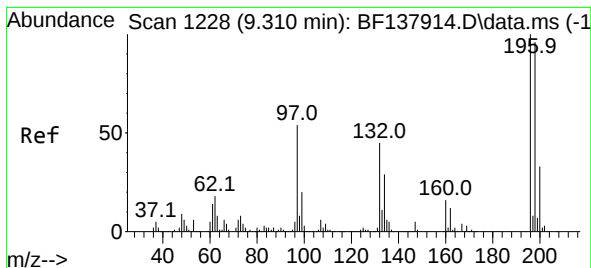


#42
2,4,6-Tribromophenol
Concen: 139.005 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:330 Resp: 483560
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 27.6 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 45.993 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

Tgt Ion:196 Resp: 28285

Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.4

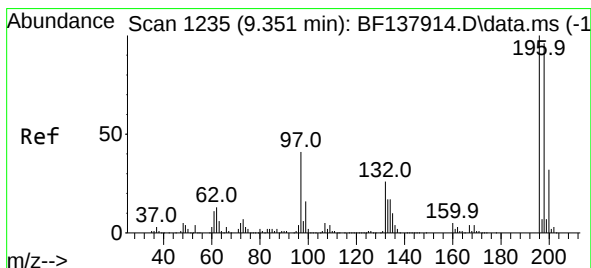
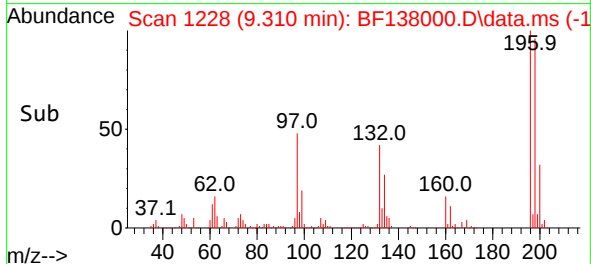
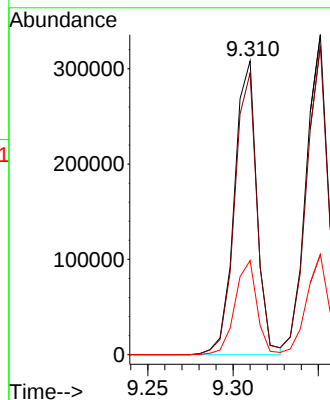
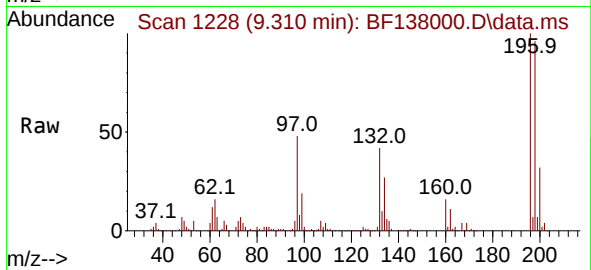
200 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#44

2,4,5-Trichlorophenol

Concen: 45.452 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Tgt Ion:196 Resp: 305848

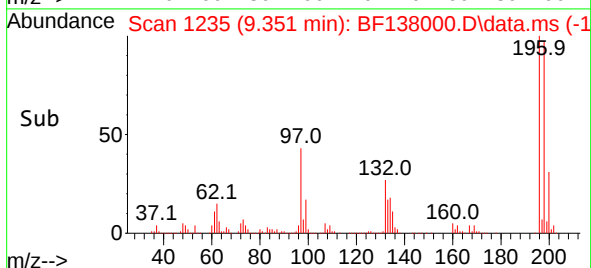
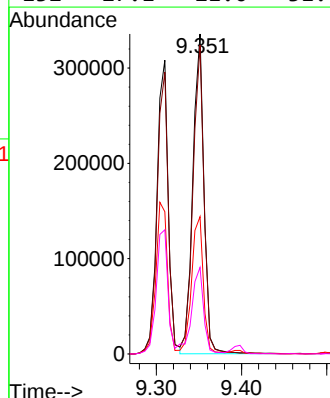
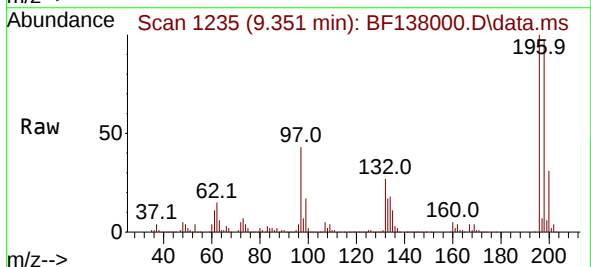
Ion Ratio Lower Upper

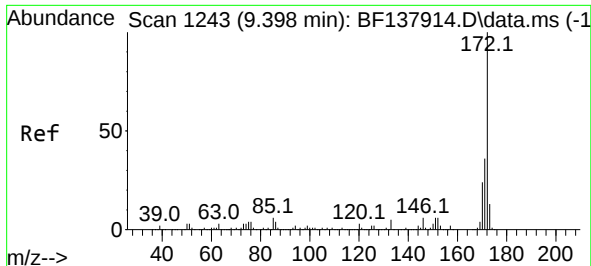
196 100

198 96.5 77.4 116.0

97 42.9 32.9 49.3

132 27.1 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 79.743 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

Tgt Ion:172 Resp: 178604

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

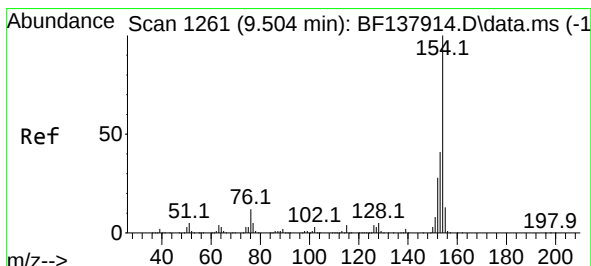
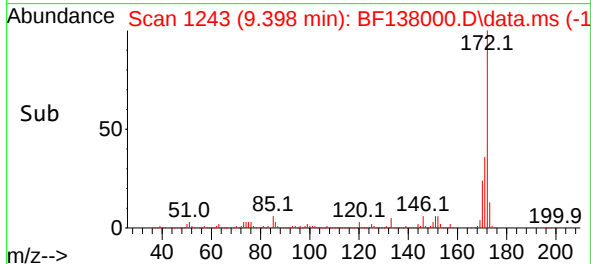
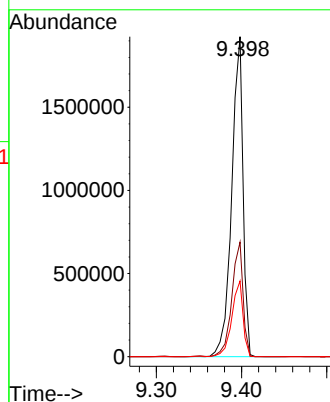
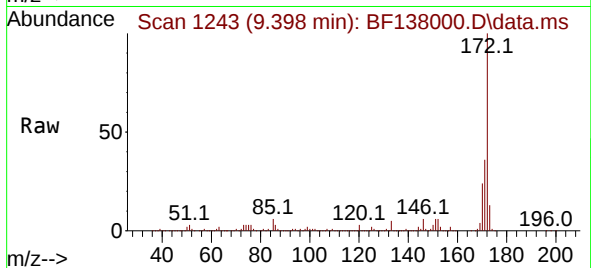
170 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#46

1,1'-Biphenyl

Concen: 43.279 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

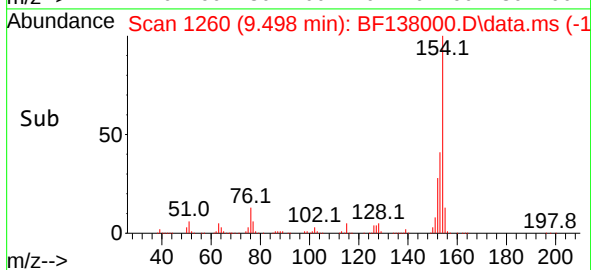
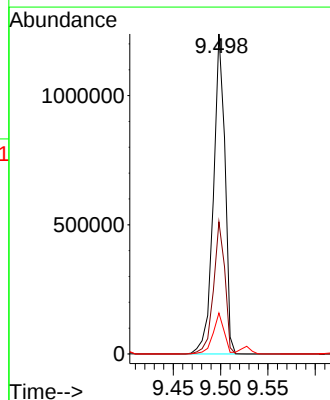
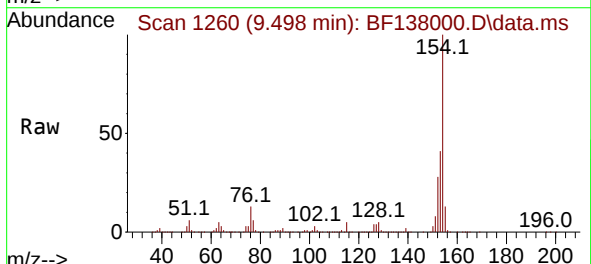
Tgt Ion:154 Resp: 1047286

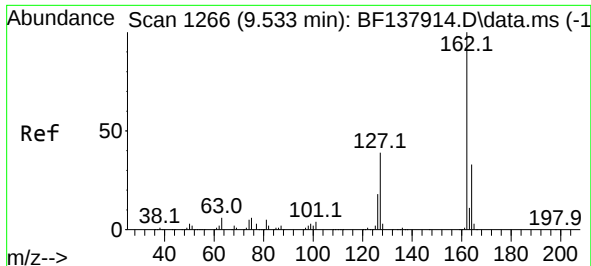
Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

76 12.8 0.0 31.9





#47

2-Chloronaphthalene

Concen: 42.025 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

Tgt Ion:162 Resp: 81178

Ion Ratio Lower Upper

162 100

127 41.9 32.0 48.0

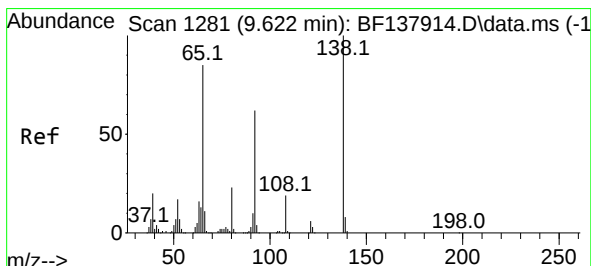
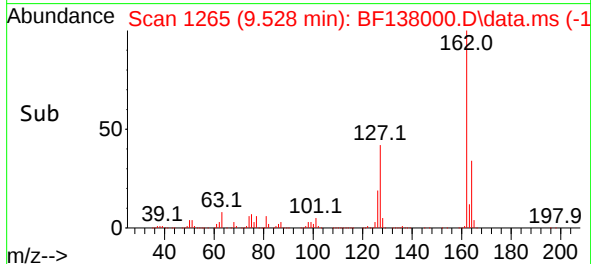
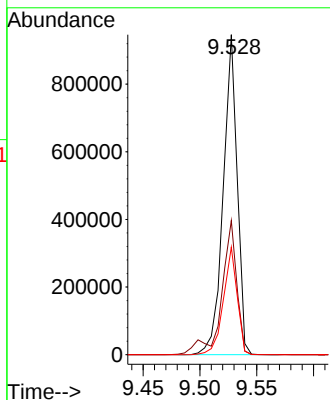
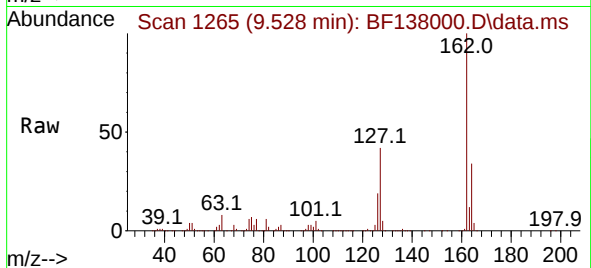
164 33.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#48

2-Nitroaniline

Concen: 46.302 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

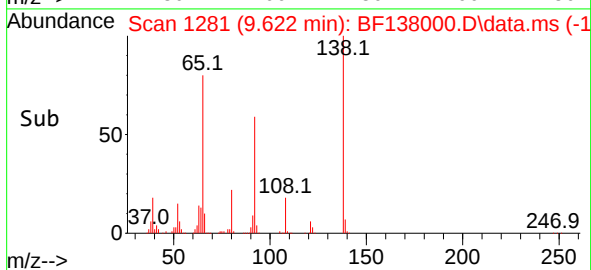
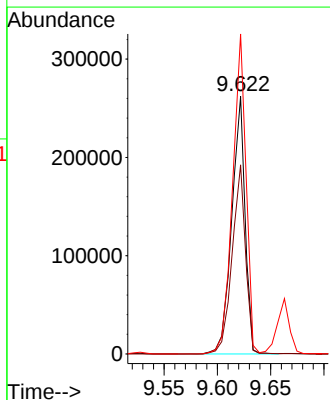
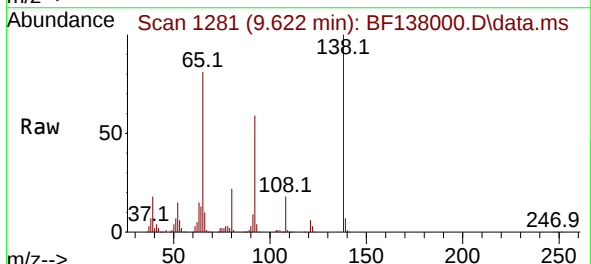
Tgt Ion: 65 Resp: 229034

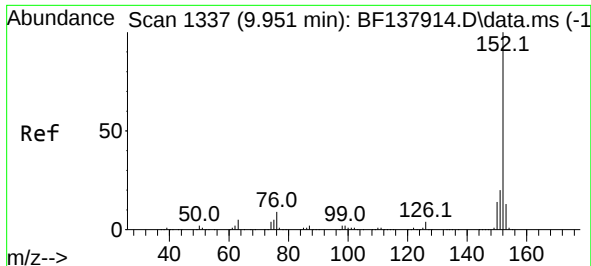
Ion Ratio Lower Upper

65 100

92 73.4 58.6 88.0

138 124.2 94.1 141.1





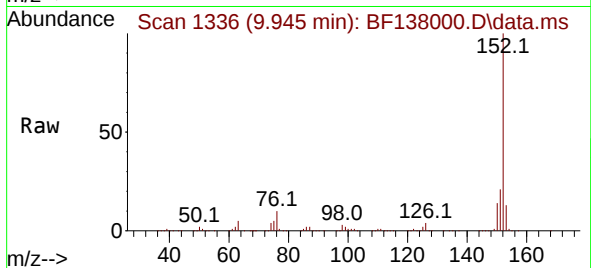
#49
Acenaphthylene
Concen: 46.729 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



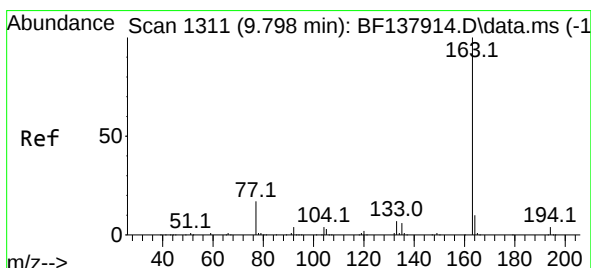
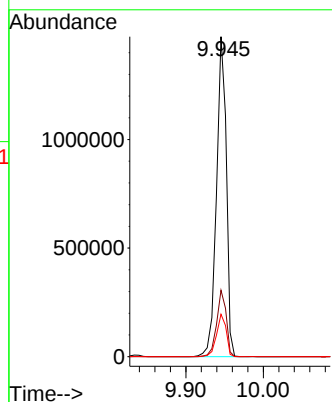
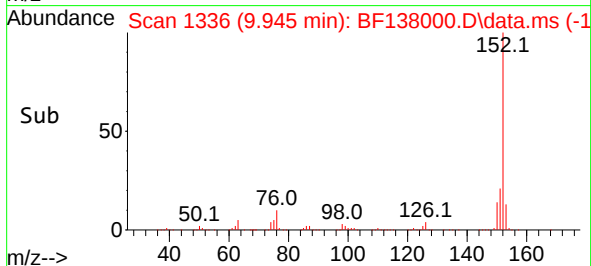
Tgt Ion:152 Resp: 1297912
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.8
153 13.2 10.2 15.4

Manual Integrations

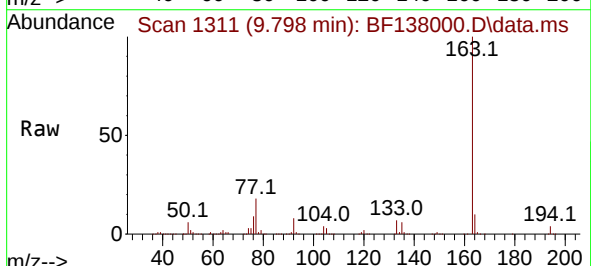
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

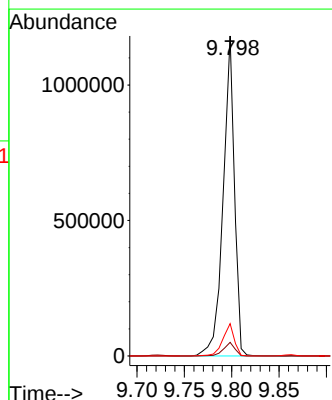
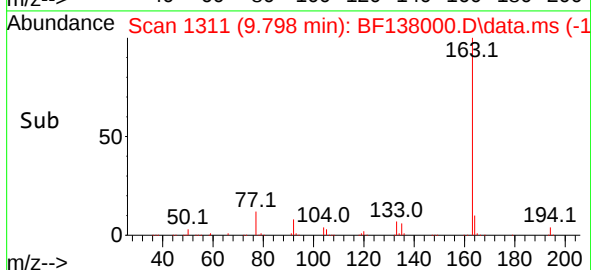
Supervised By :mohammad ahmed 05/24/2024

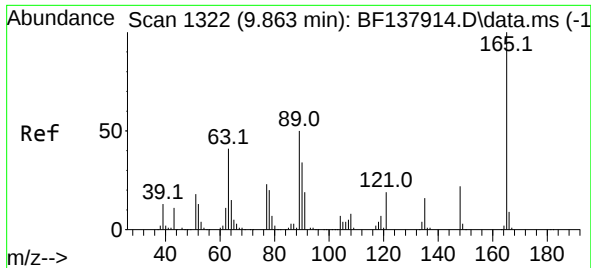


#50
Dimethylphthalate
Concen: 45.485 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:163 Resp: 984054
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.0 12.0





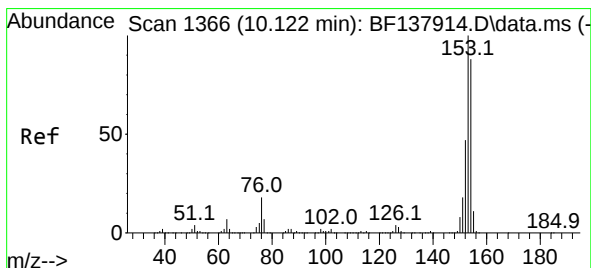
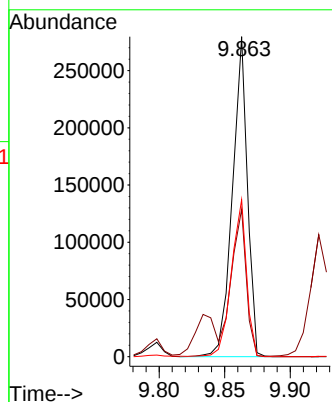
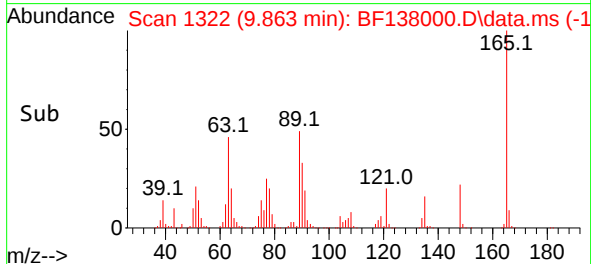
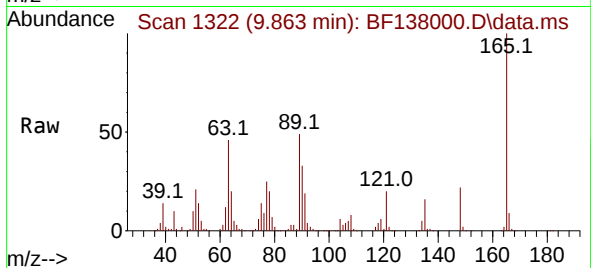
#51
2,6-Dinitrotoluene
Concen: 44.882 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :
BNA_F
ClientSampleId :
PB161028BSD

Tgt Ion:165 Resp: 222858
Ion Ratio Lower Upper
165 100
63 46.0 38.9 58.3
89 49.1 40.4 60.6

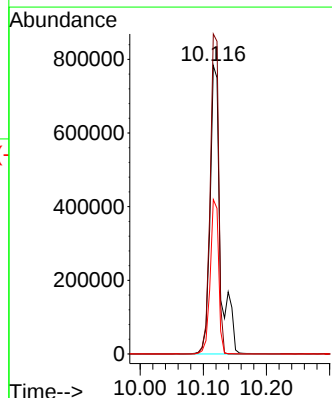
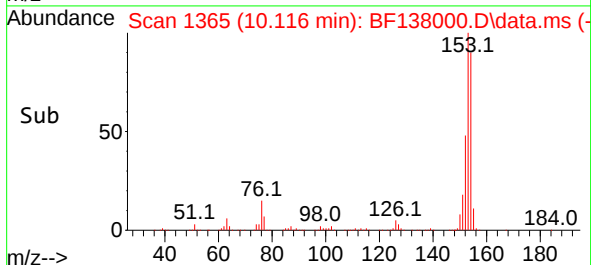
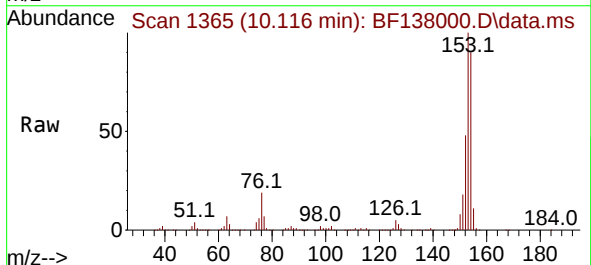
Manual Integrations
APPROVED

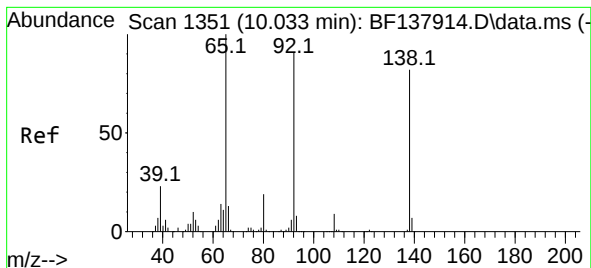
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#52
Acenaphthene
Concen: 48.533 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

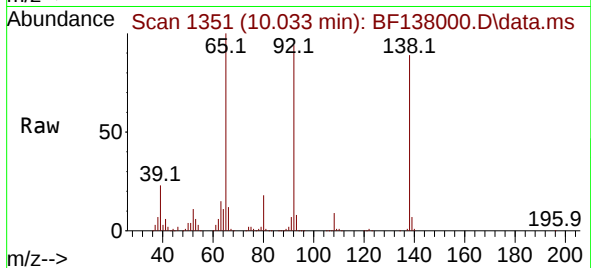
Tgt Ion:154 Resp: 890964
Ion Ratio Lower Upper
154 100
153 111.0 90.4 135.6
152 53.5 42.3 63.5





#53
3-Nitroaniline
Concen: 33.010 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

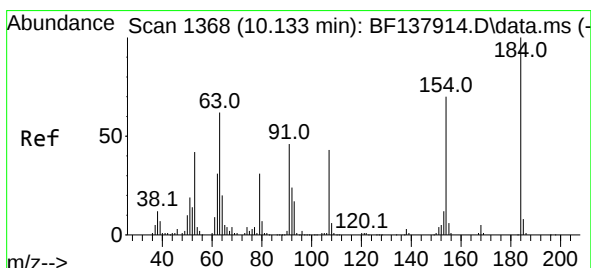
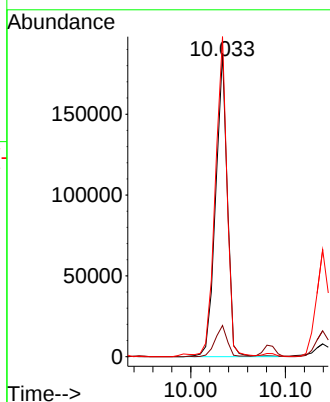
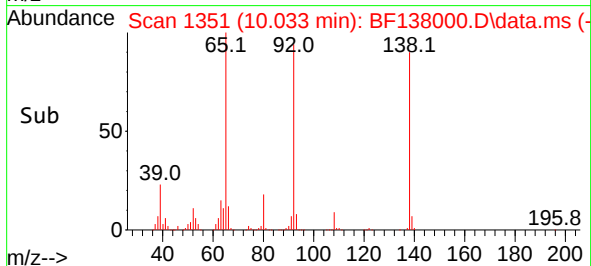
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



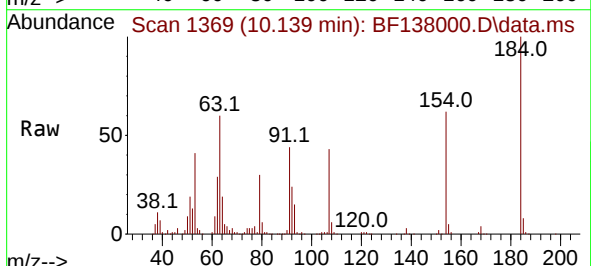
Tgt Ion:138 Resp: 16024
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 105.4 88.6 133.0

Manual Integrations
APPROVED

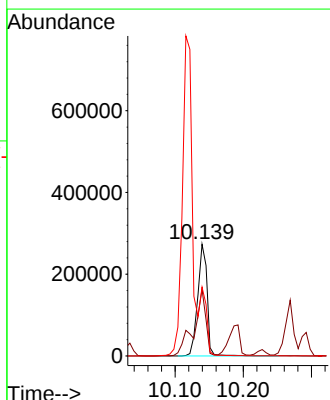
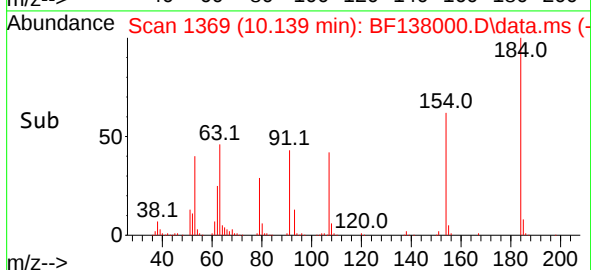
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

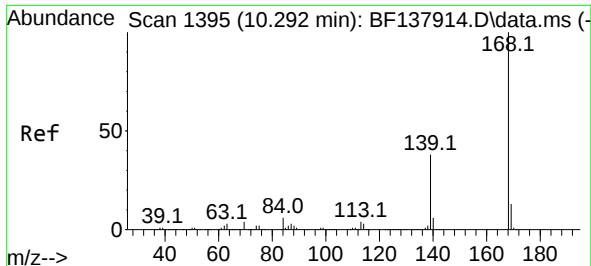


#54
2,4-Dinitrophenol
Concen: 95.800 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



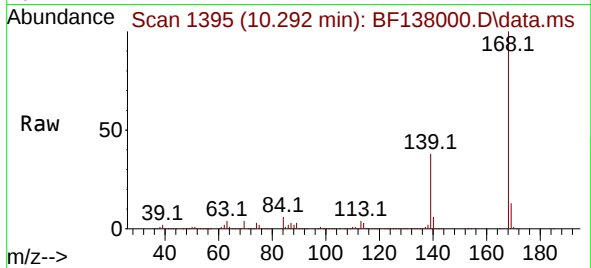
Tgt Ion:184 Resp: 261032
Ion Ratio Lower Upper
184 100
63 59.6 50.4 75.6
154 61.7 63.7 95.5#





#55
Dibenzofuran
Concen: 44.389 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

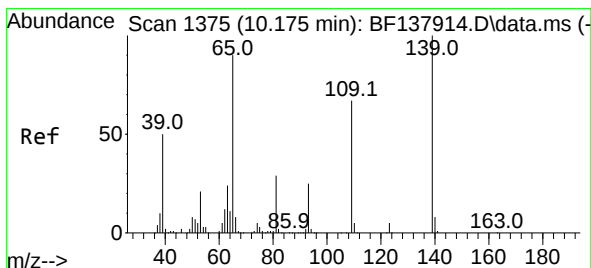
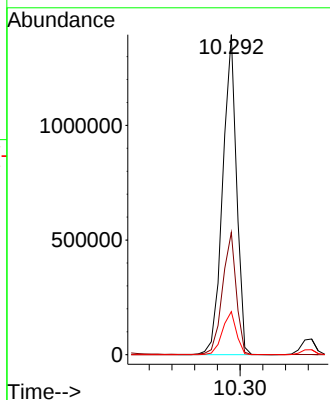
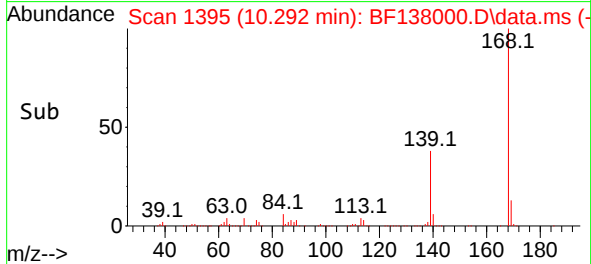
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



Tgt Ion:168 Resp: 118592
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.5 10.5 15.7

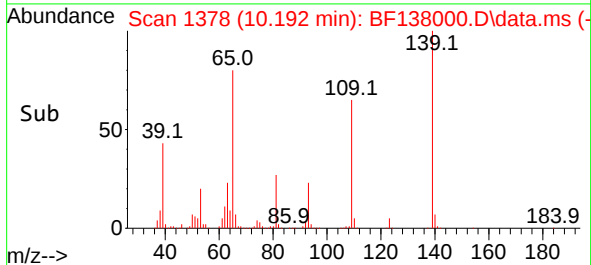
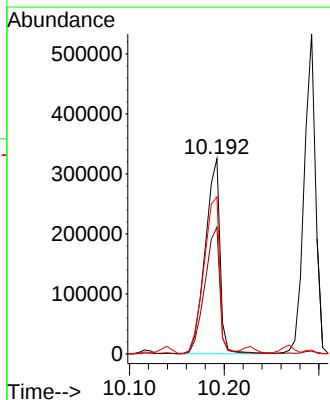
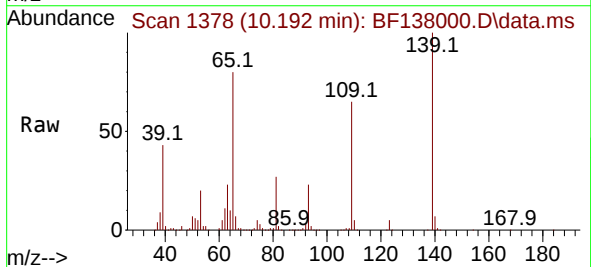
Manual Integrations
APPROVED

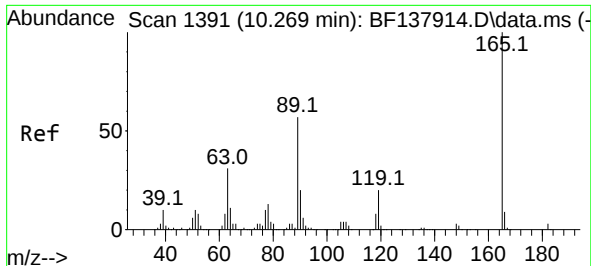
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#56
4-Nitrophenol
Concen: 101.274 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:139 Resp: 353091
Ion Ratio Lower Upper
139 100
109 64.9 46.5 86.5
65 80.5 70.4 110.4





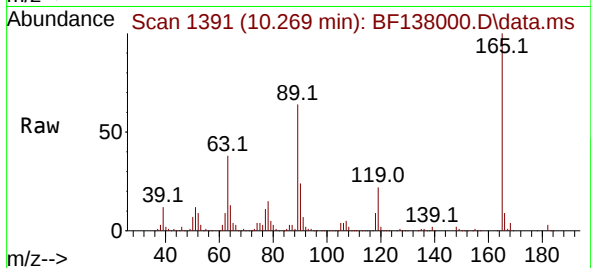
#57
2,4-Dinitrotoluene
Concen: 47.645 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



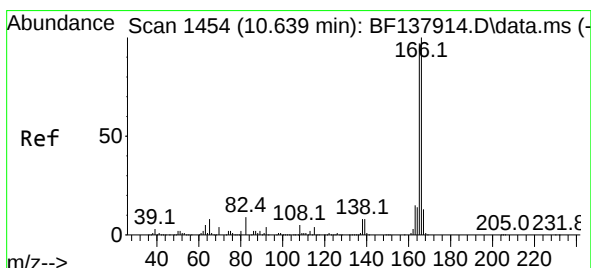
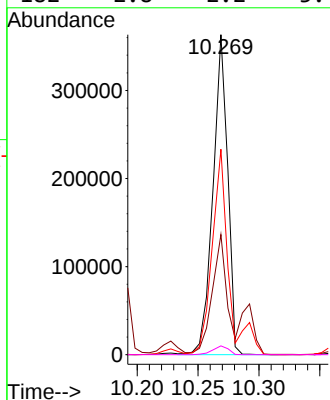
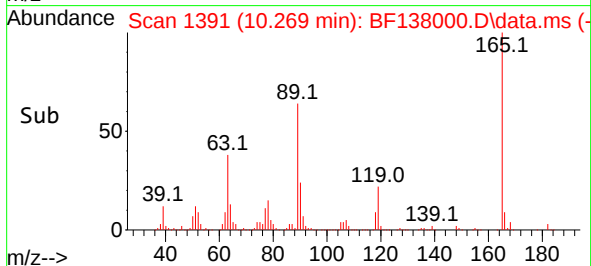
Tgt Ion:165 Resp: 30584
Ion Ratio Lower Upper
165 100
63 37.6 25.3 37.9
89 64.2 45.9 68.9
182 2.8 2.2 3.4

Manual Integrations

APPROVED

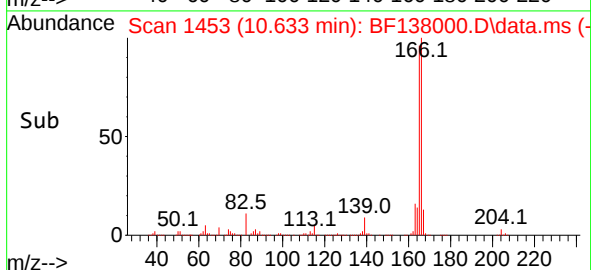
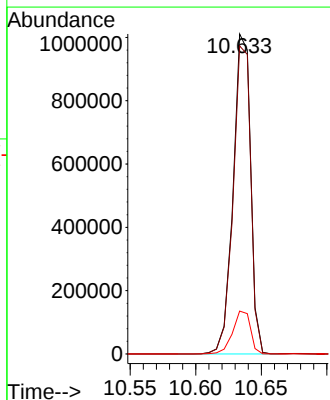
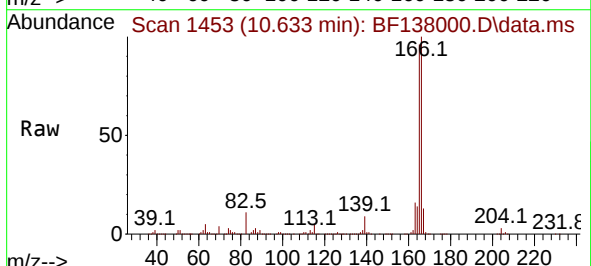
Reviewed By :Yogesh Patel 05/24/2024

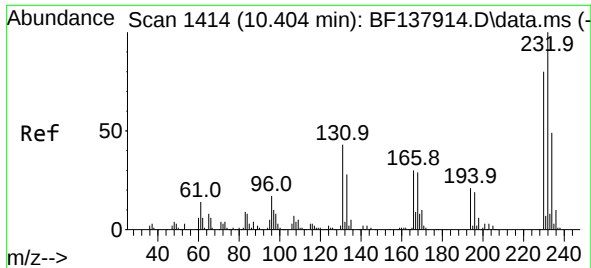
Supervised By :mohammad ahmed 05/24/2024



#58
Fluorene
Concen: 44.461 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

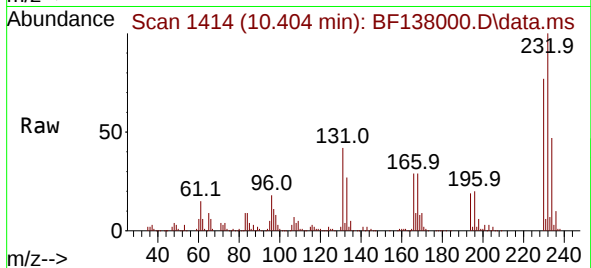
Tgt Ion:166 Resp: 939557
Ion Ratio Lower Upper
166 100
165 96.2 77.8 116.8
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.070 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

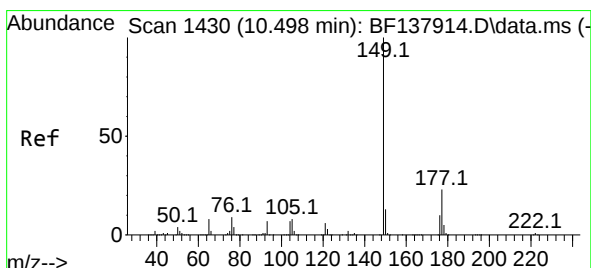
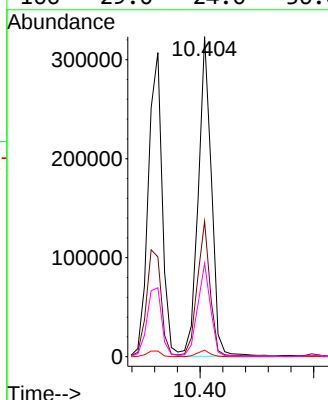
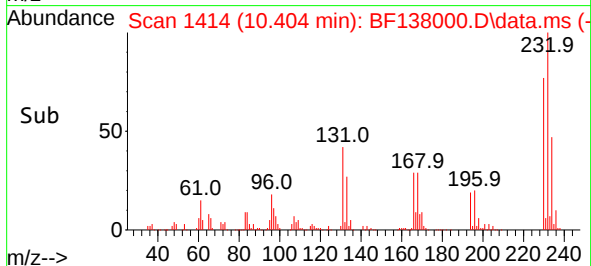
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



Tgt Ion:232 Resp: 25939
Ion Ratio Lower Upper
232 100
131 41.8 34.4 51.6
130 2.0 1.7 2.5
166 29.0 24.0 36.0

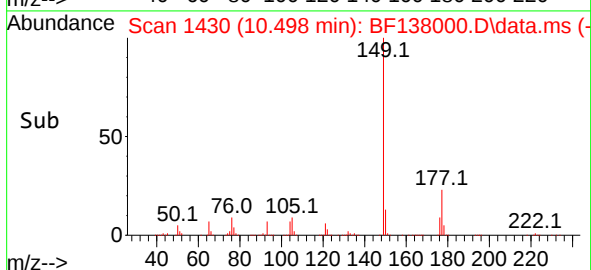
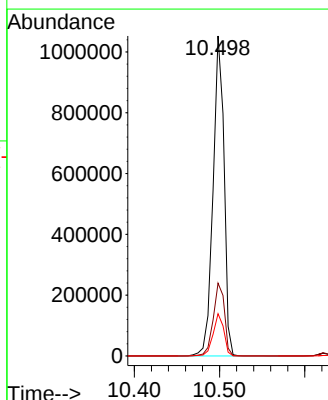
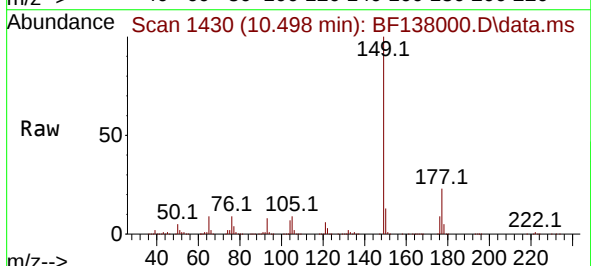
Manual Integrations
APPROVED

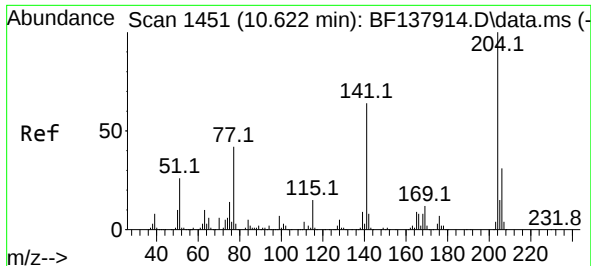
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#60
Diethylphthalate
Concen: 46.698 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

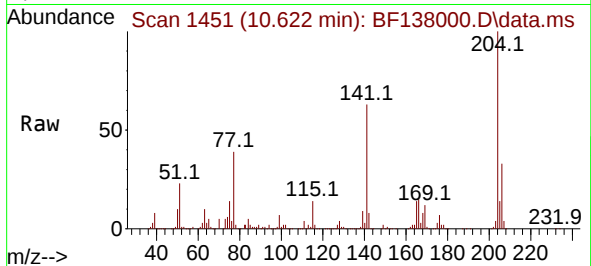
Tgt Ion:149 Resp: 943555
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 13.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.510 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

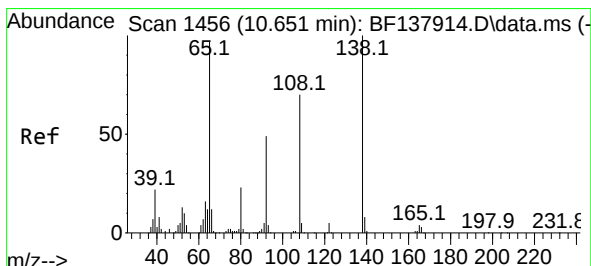
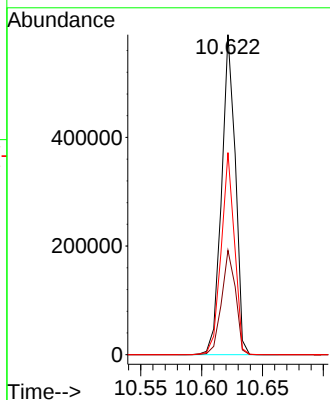
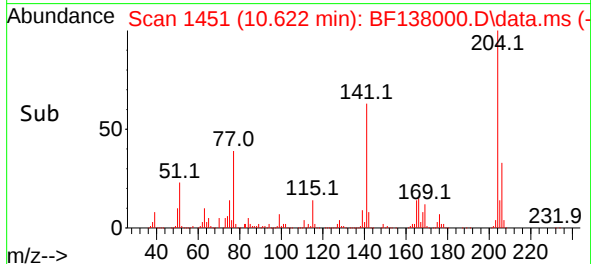
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



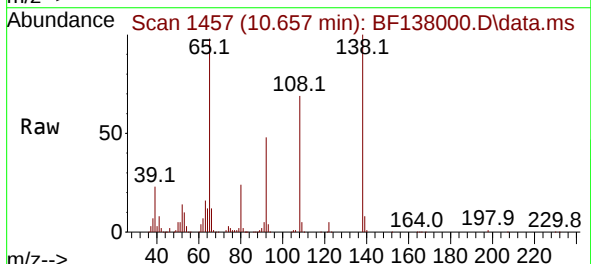
Tgt Ion:204 Resp: 46385
Ion Ratio Lower Upper
204 100
206 32.6 25.1 37.7
141 63.2 51.0 76.6

Manual Integrations
APPROVED

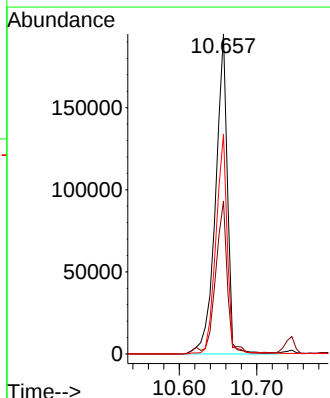
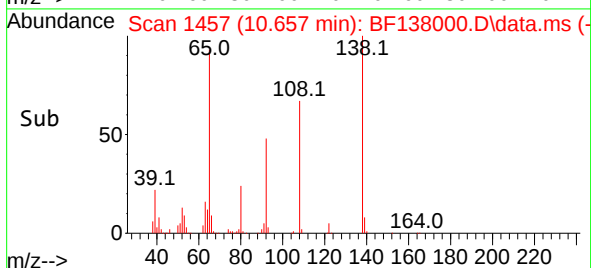
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

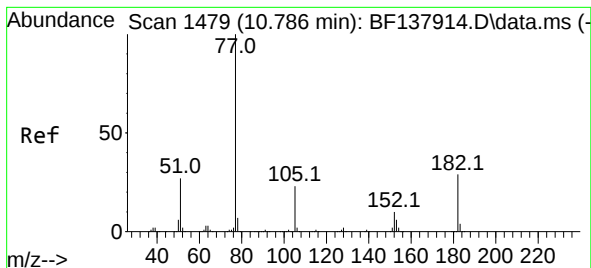


#62
4-Nitroaniline
Concen: 45.239 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:138 Resp: 208287
Ion Ratio Lower Upper
138 100
92 47.8 29.0 69.0
108 68.7 49.7 89.7





#63

Azobenzene

Concen: 46.123 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

Tgt Ion: 77 Resp: 84769

Ion Ratio Lower Upper

77 100

182 30.9 9.2 49.2

105 23.8 3.1 43.1

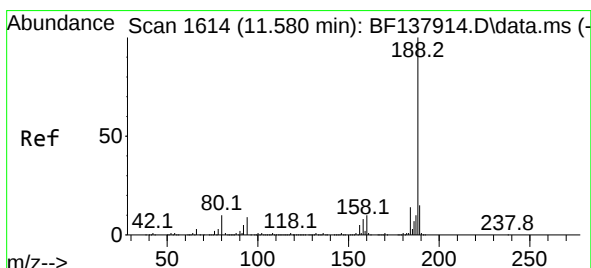
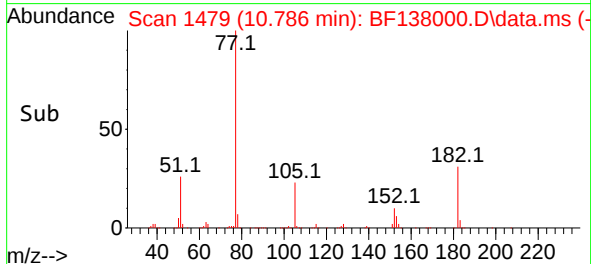
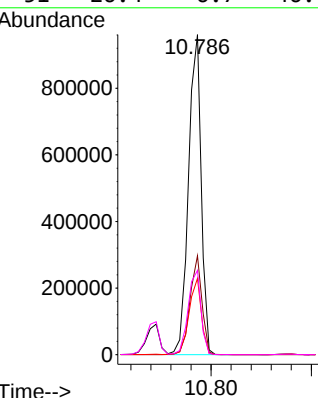
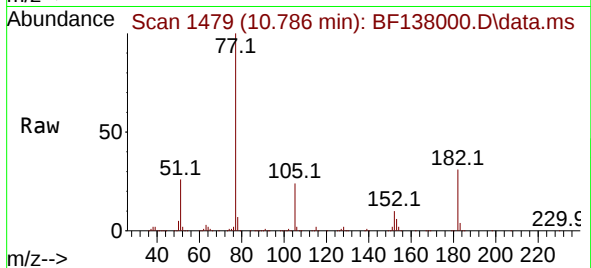
51 26.4 6.7 46.7

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: BF138000.D

Acq: 22 May 2024 12:14

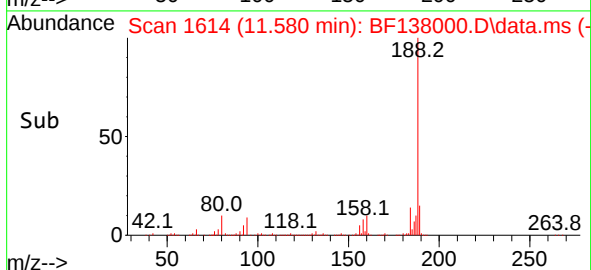
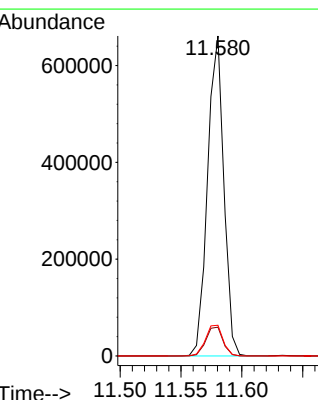
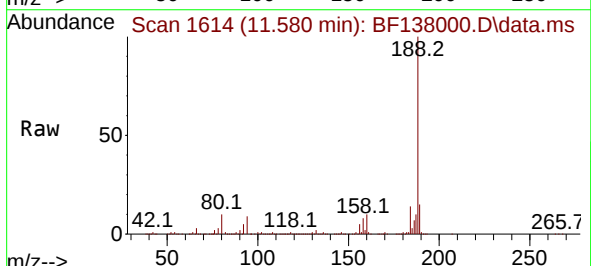
Tgt Ion:188 Resp: 614789

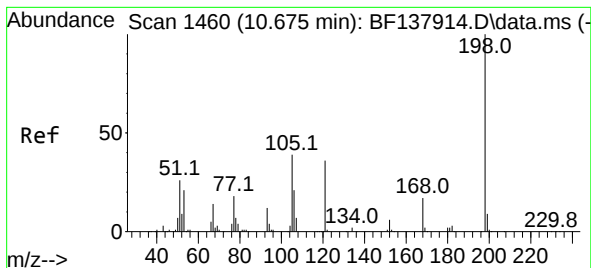
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

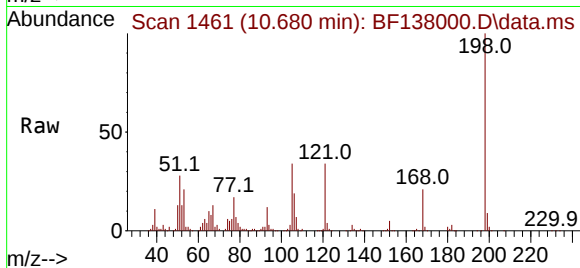
80 9.6 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 50.866 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

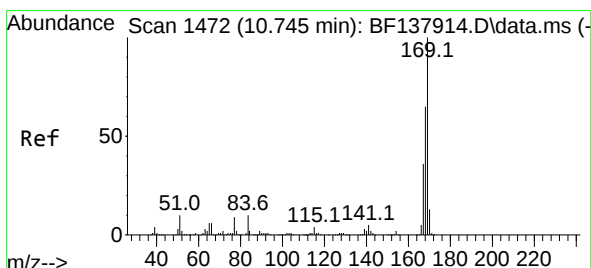
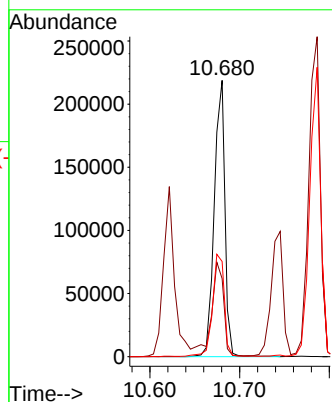
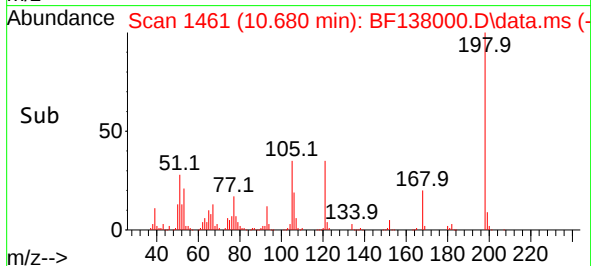
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



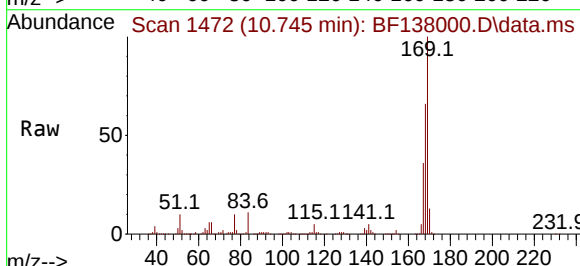
Tgt Ion:198 Resp: 180564
Ion Ratio Lower Upper
198 100
51 28.3 13.8 53.8
105 34.5 19.0 59.0

Manual Integrations
APPROVED

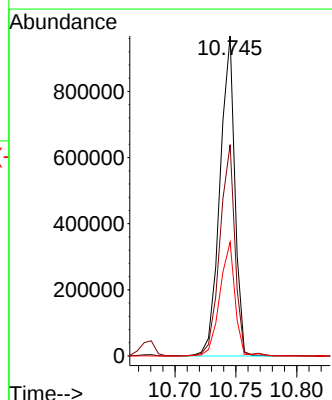
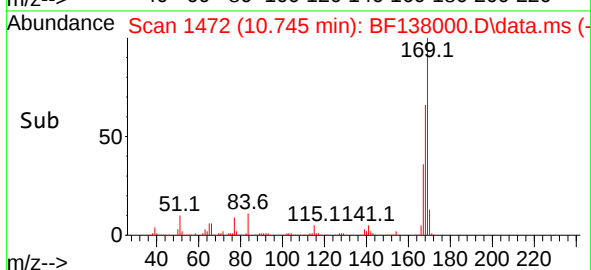
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

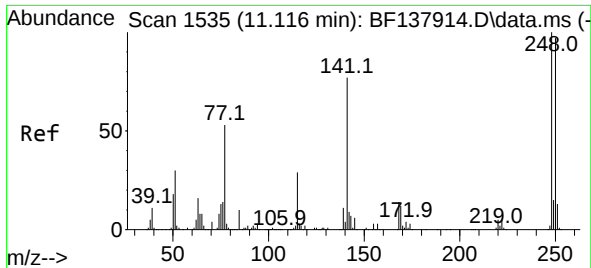


#66
n-Nitrosodiphenylamine
Concen: 43.763 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:169 Resp: 825099
Ion Ratio Lower Upper
169 100
168 66.0 52.4 78.6
167 35.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 43.876 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

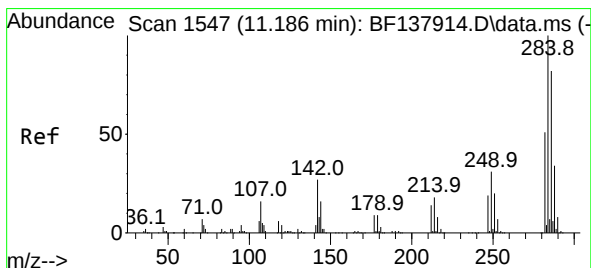
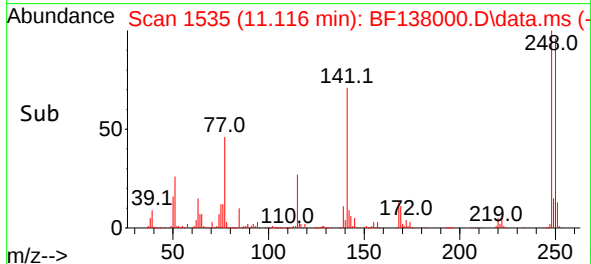
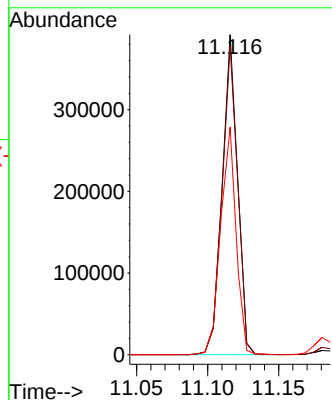
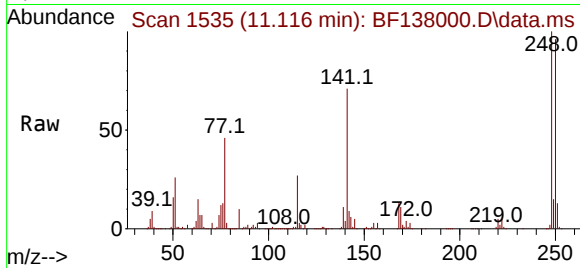
PB161028BSD

Tgt Ion:248 Resp: 295710
Ion Ratio Lower Upper
248 100
250 96.4 77.6 116.4
141 71.1 61.4 92.2

Manual Integrations

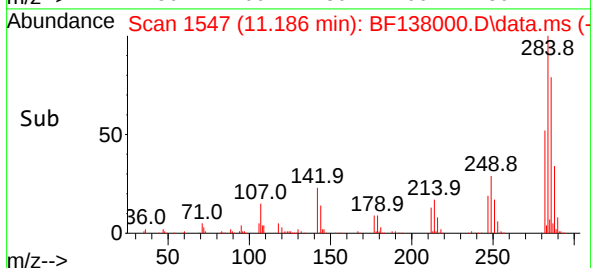
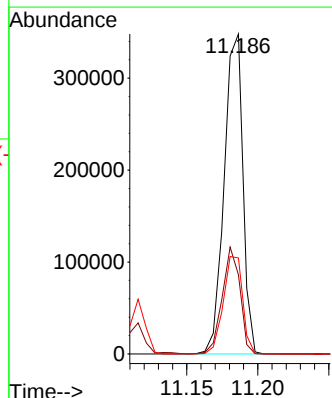
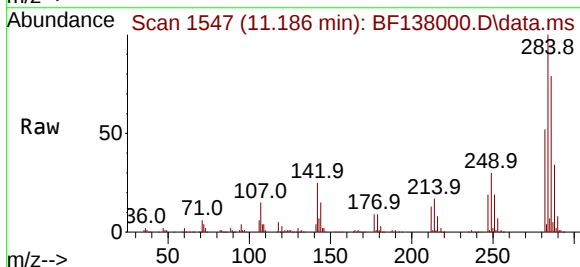
APPROVED

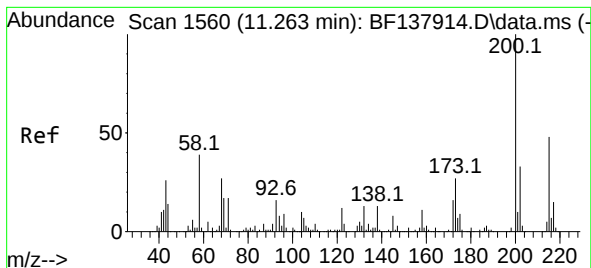
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#68
Hexachlorobenzene
Concen: 42.825 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:284 Resp: 319049
Ion Ratio Lower Upper
284 100
142 24.7 21.3 31.9
249 30.0 24.6 37.0





#69

Atrazine

Concen: 55.563 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

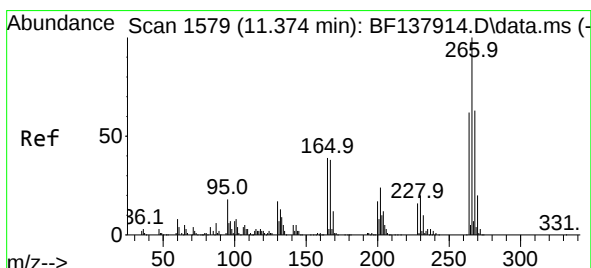
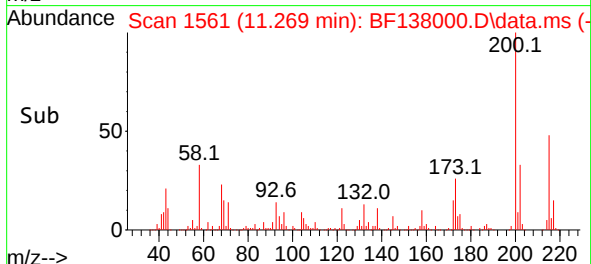
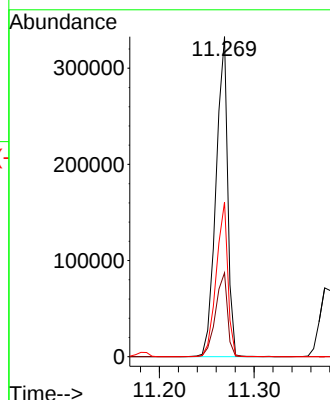
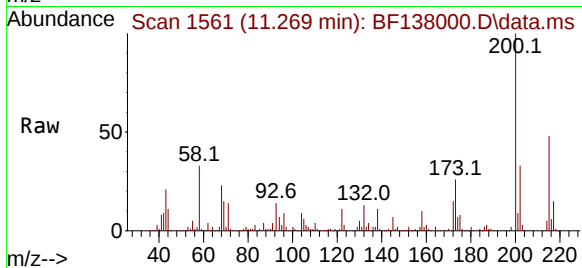
Tgt Ion:200 Resp: 286054
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.6 46.6
 215 48.3 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#70

Pentachlorophenol

Concen: 91.187 ng

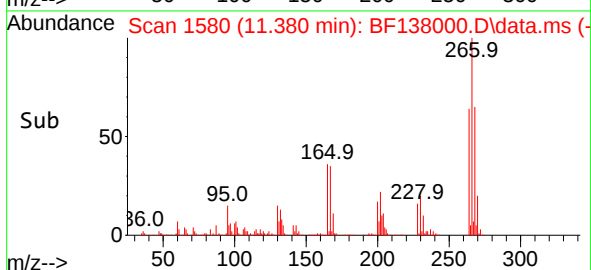
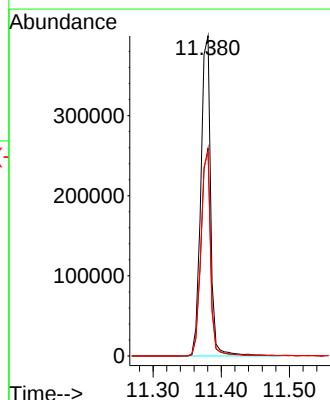
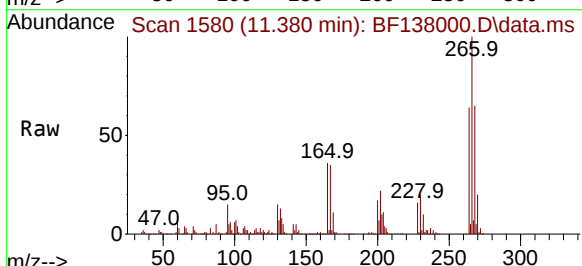
RT: 11.380 min Scan# 1580

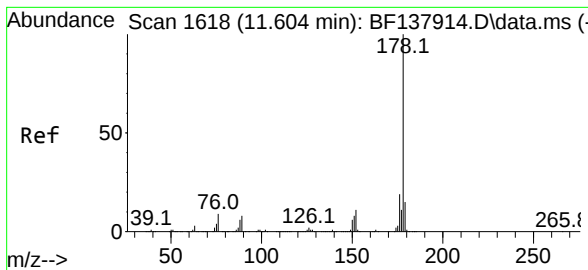
Delta R.T. 0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

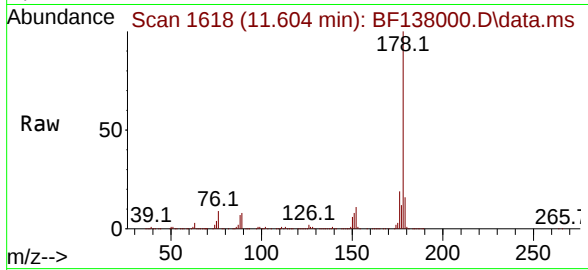
Tgt Ion:266 Resp: 397945
 Ion Ratio Lower Upper
 266 100
 268 64.9 50.1 75.1
 264 63.8 49.4 74.2





#71
Phenanthrene
Concen: 43.979 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

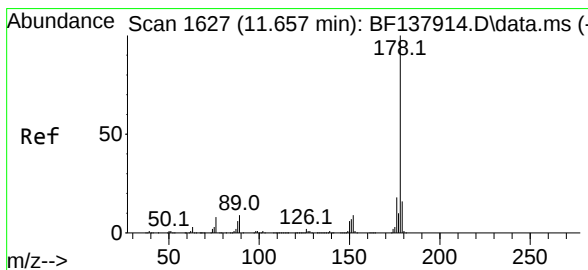
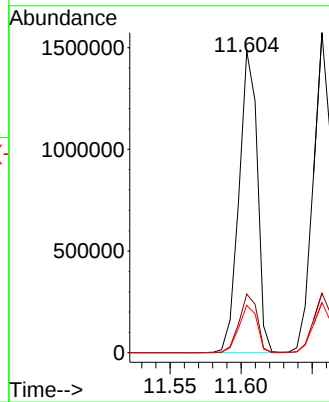
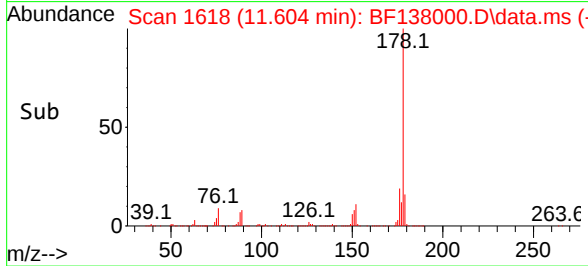
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



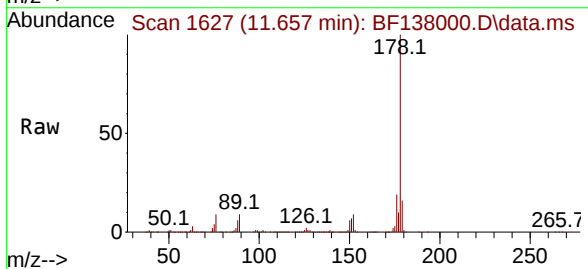
Tgt Ion:178 Resp: 1332411
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.7 12.2 18.4

Manual Integrations
APPROVED

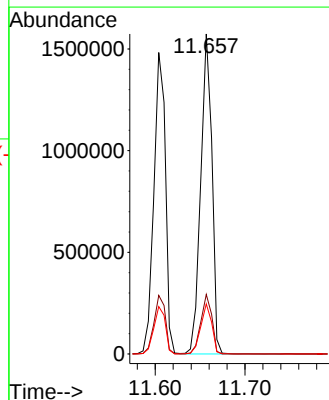
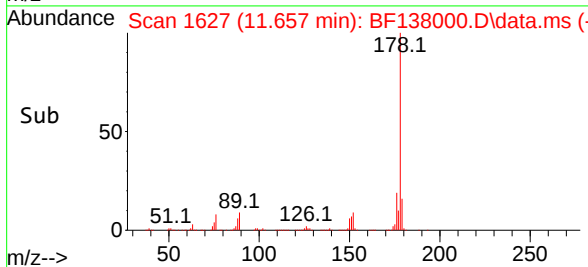
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

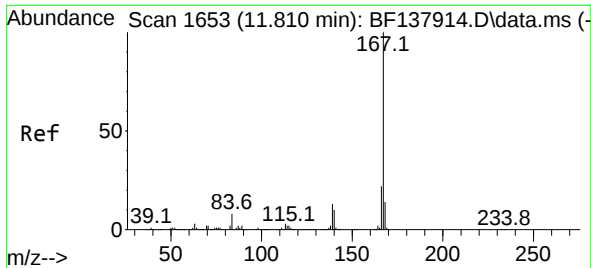


#72
Anthracene
Concen: 45.320 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



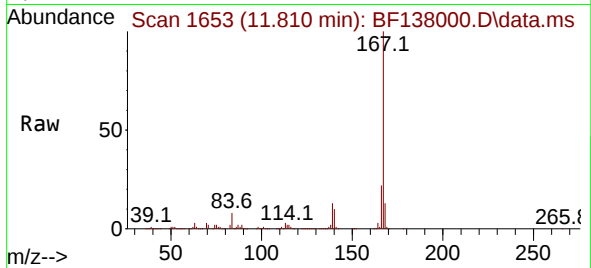
Tgt Ion:178 Resp: 1362294
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 44.261 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF138000.D
 Acq: 22 May 2024 12:14

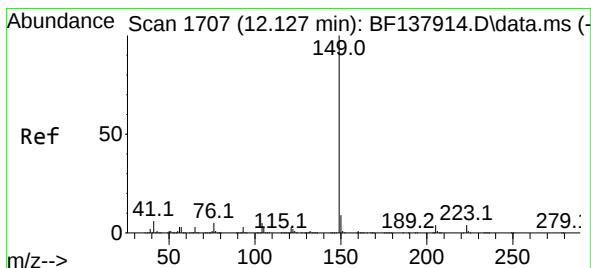
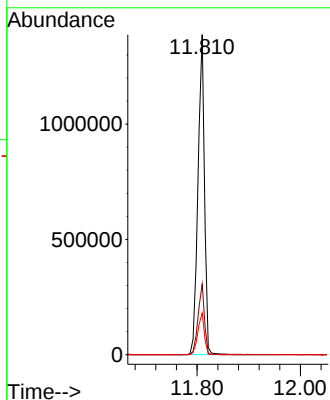
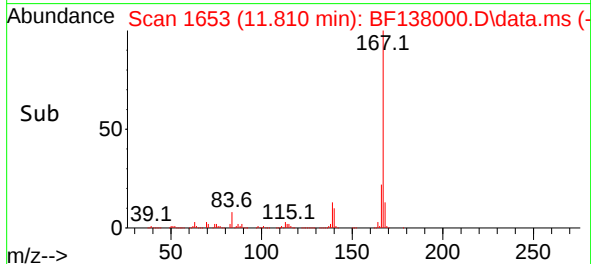
Instrument :
 BNA_F
 ClientSampleId :
 PB161028BSD



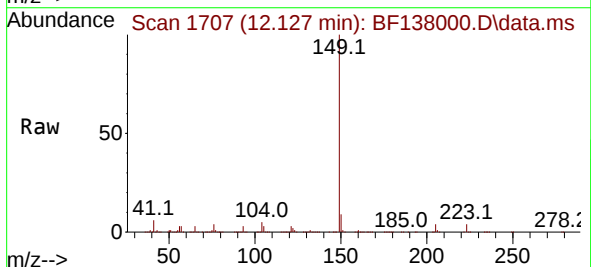
Tgt Ion:167 Resp: 1215360
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.0 10.3 15.5

Manual Integrations
 APPROVED

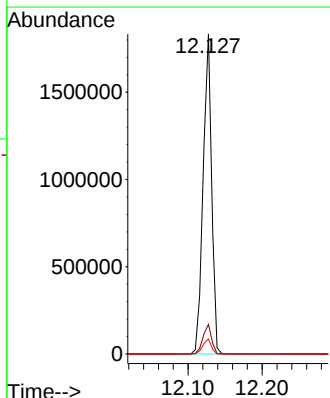
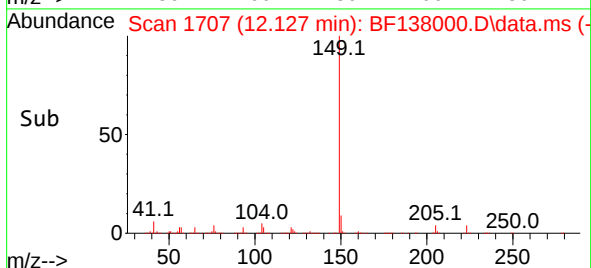
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

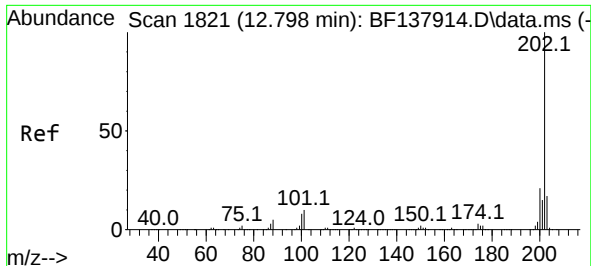


#74
 Di-n-butylphthalate
 Concen: 48.035 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138000.D
 Acq: 22 May 2024 12:14



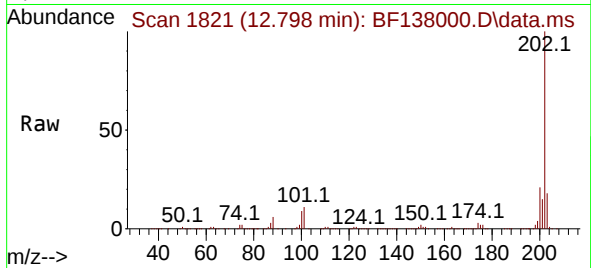
Tgt Ion:149 Resp: 1463809
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 45.250 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

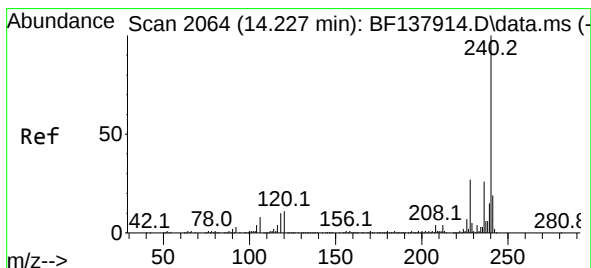
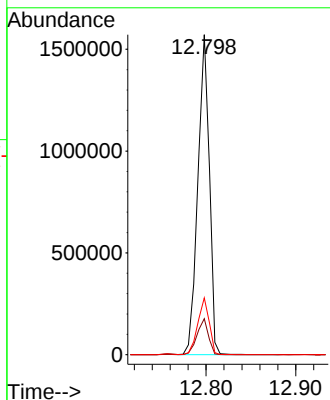
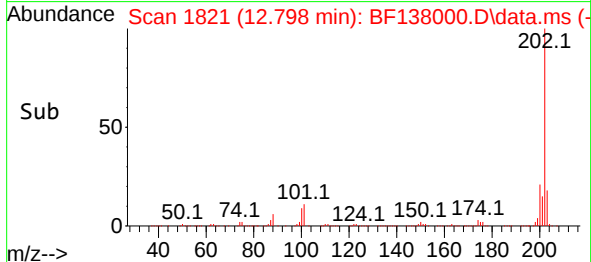
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



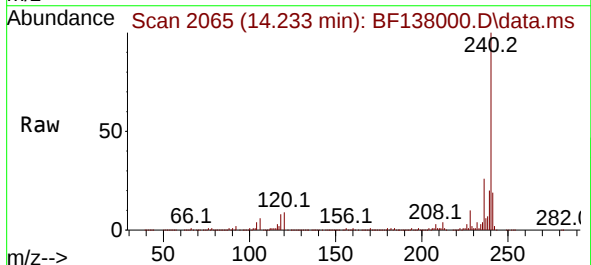
Tgt Ion:202 Resp: 139150
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 17.7 0.0 37.3

Manual Integrations
APPROVED

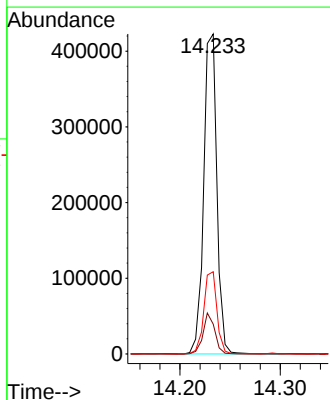
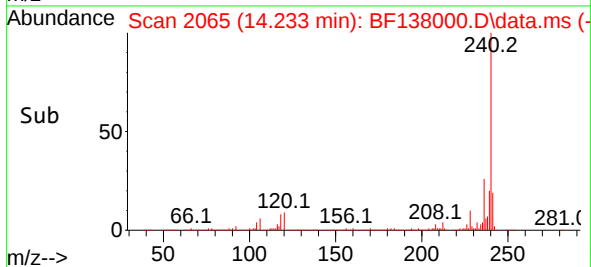
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

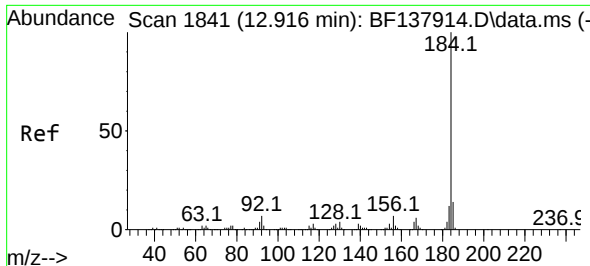


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



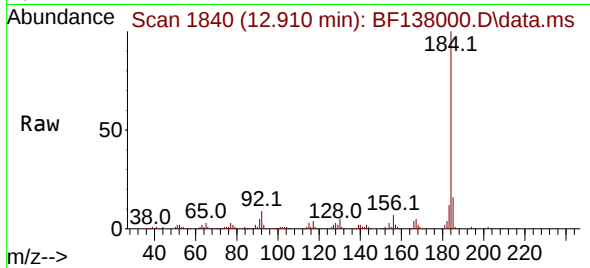
Tgt Ion:240 Resp: 386835
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.7 21.0 31.4





#77
Benzidine
Concen: 21.744 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

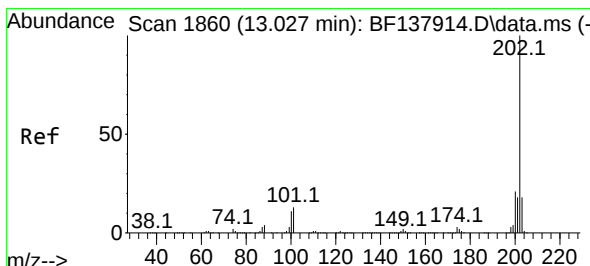
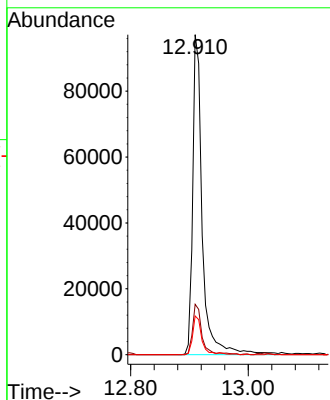
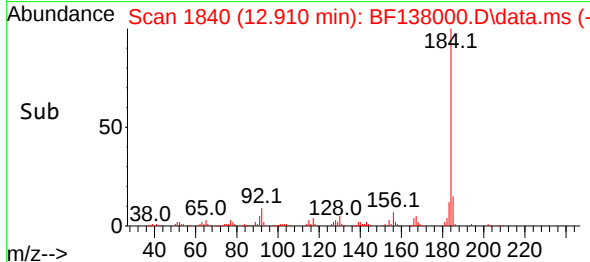
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



Tgt Ion:184 Resp: 109929
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 12.1 9.5 14.3

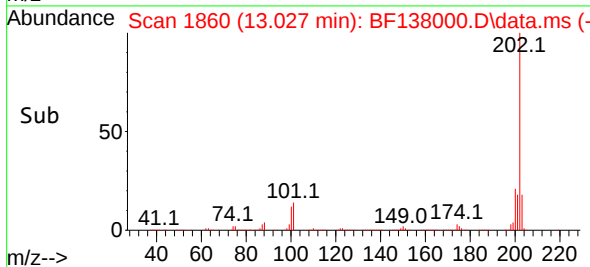
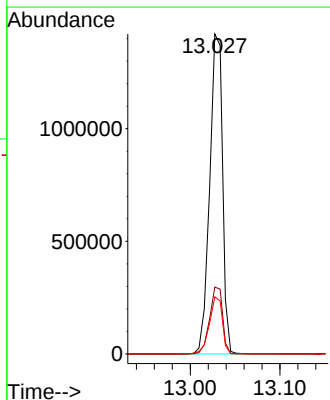
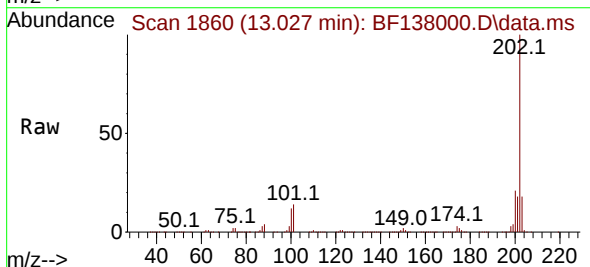
Manual Integrations
APPROVED

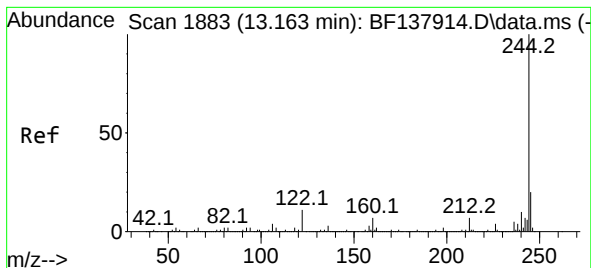
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#78
Pyrene
Concen: 41.875 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:202 Resp: 1416799
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 80.952 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

Tgt Ion:244 Resp: 2124790

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

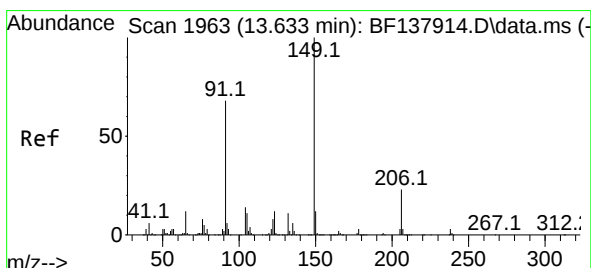
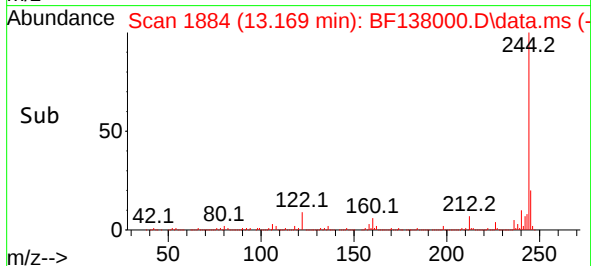
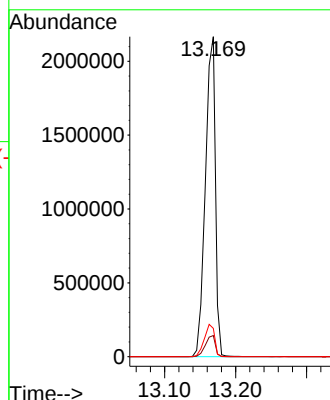
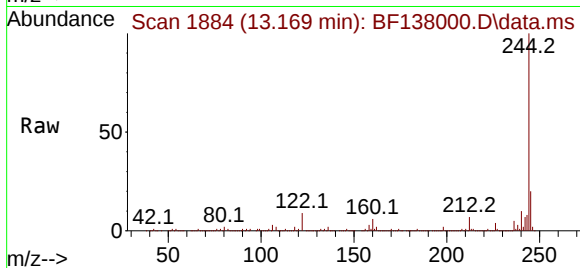
122 8.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#80

Butylbenzylphthalate

Concen: 52.597 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

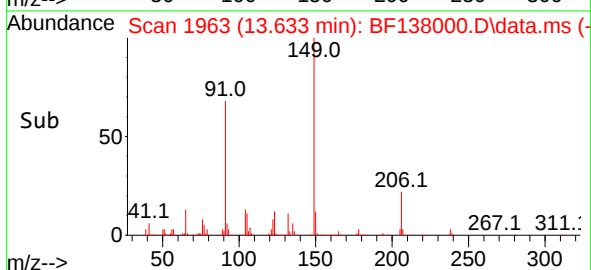
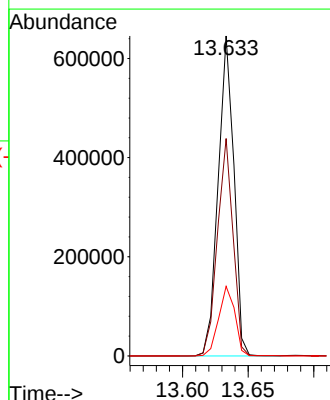
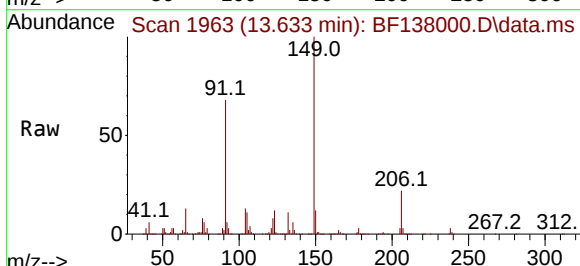
Tgt Ion:149 Resp: 536772

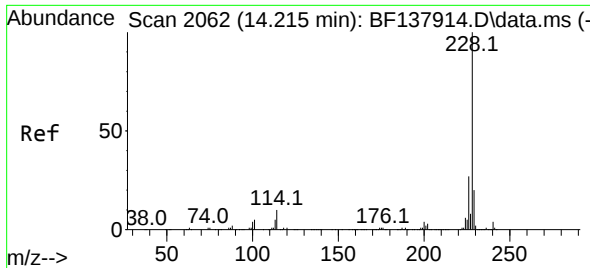
Ion Ratio Lower Upper

149 100

91 67.9 54.2 81.4

206 21.7 18.1 27.1





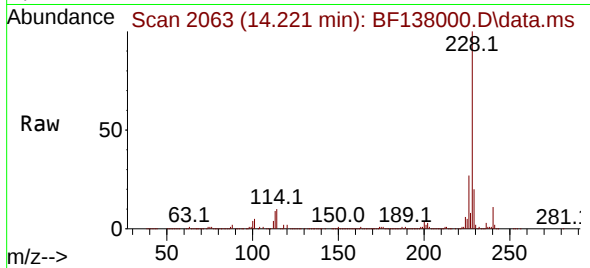
#81
Benzo(a)anthracene
Concen: 46.052 ng
RT: 14.221 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



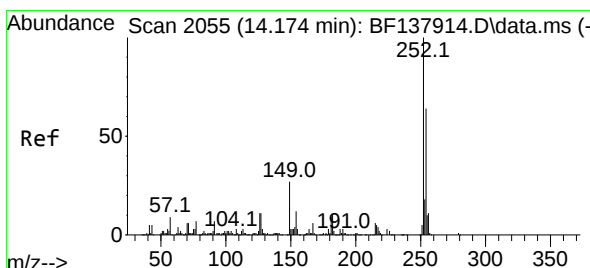
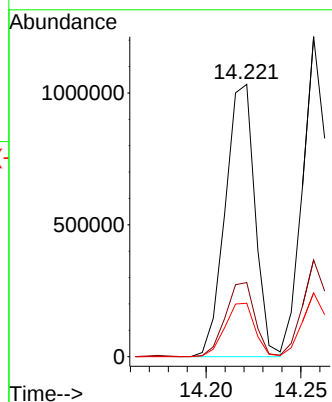
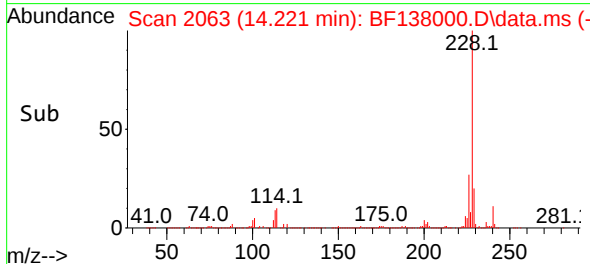
Tgt Ion:228 Resp: 1127069
Ion Ratio Lower Upper
228 100
226 27.2 21.3 31.9
229 19.7 15.7 23.5

Manual Integrations

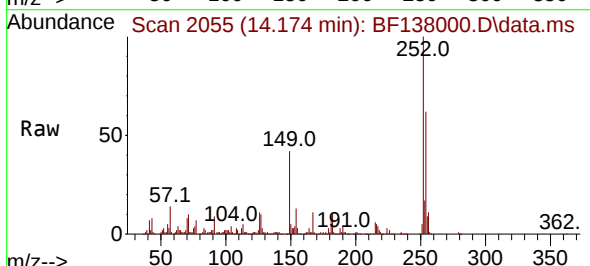
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

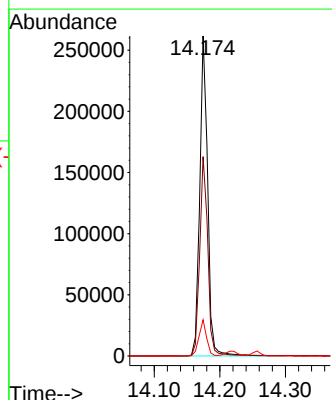
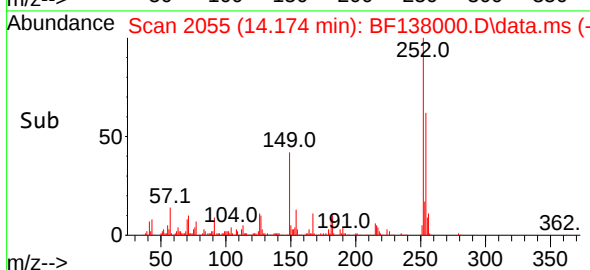
Supervised By :mohammad ahmed 05/24/2024

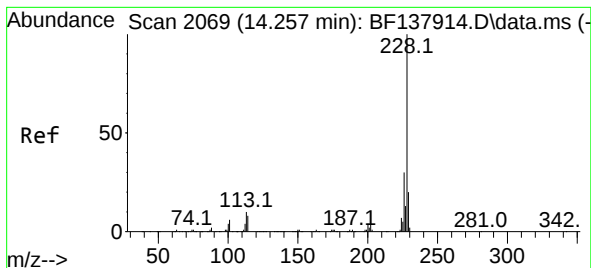


#82
3,3'-Dichlorobenzidine
Concen: 32.393 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:252 Resp: 219701
Ion Ratio Lower Upper
252 100
254 62.3 51.2 76.8
126 11.3 8.7 13.1





#83

Chrysene

Concen: 44.747 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD

Tgt Ion:228 Resp: 104733

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

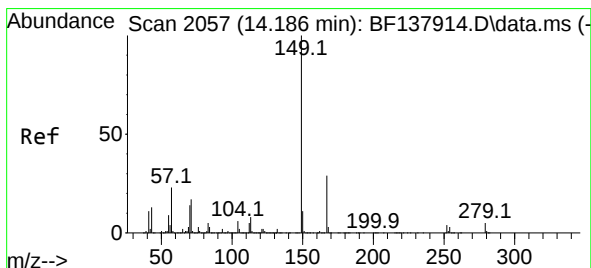
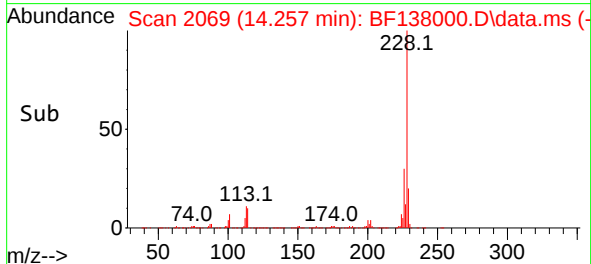
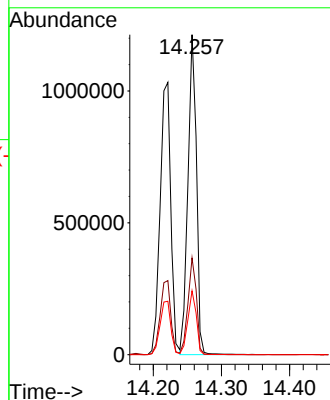
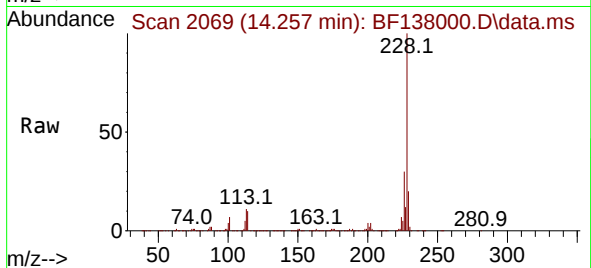
229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.979 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138000.D

Acq: 22 May 2024 12:14

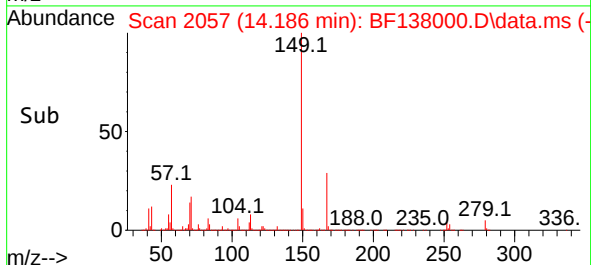
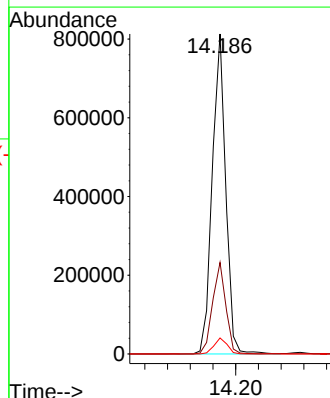
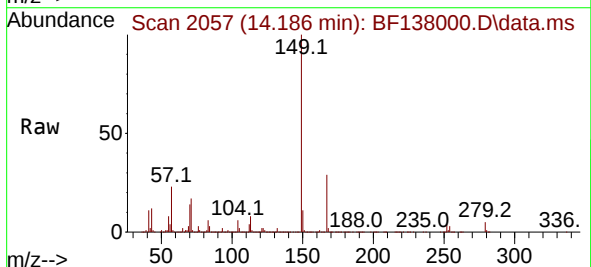
Tgt Ion:149 Resp: 666822

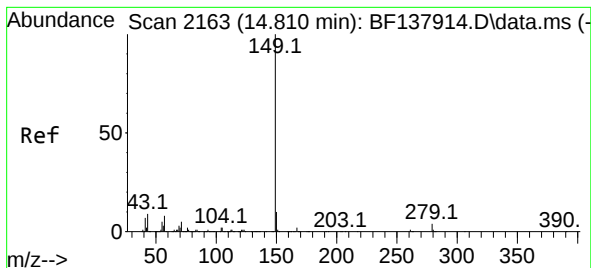
Ion Ratio Lower Upper

149 100

167 28.6 23.2 34.8

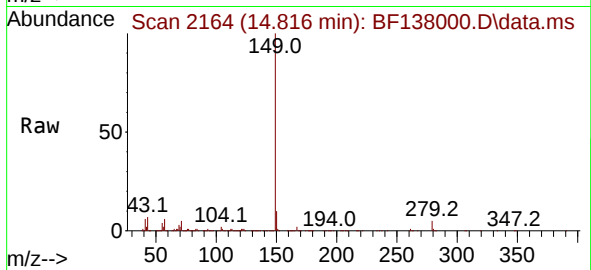
279 5.0 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 52.299 ng
RT: 14.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

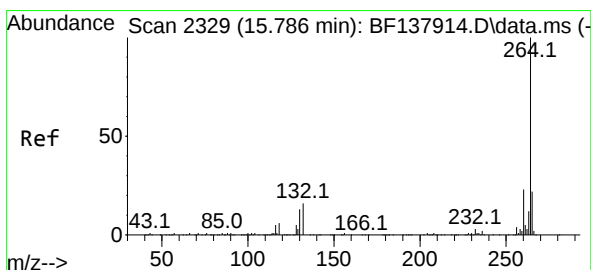
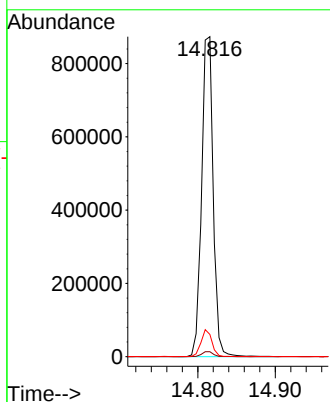
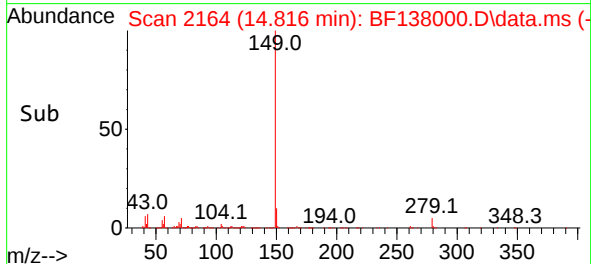
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



Tgt Ion:149 Resp: 906389
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 7.9 6.6 9.8

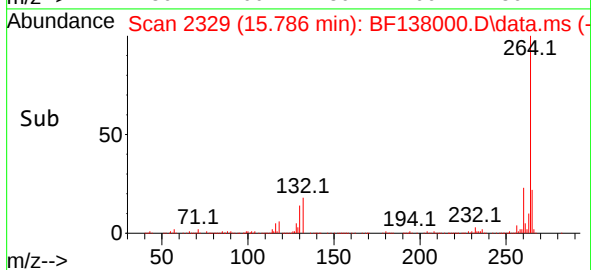
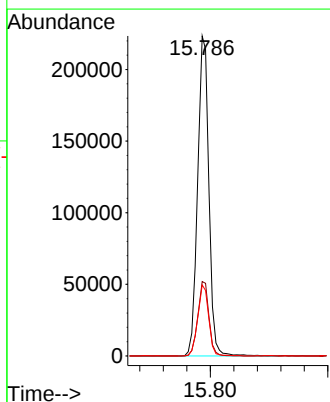
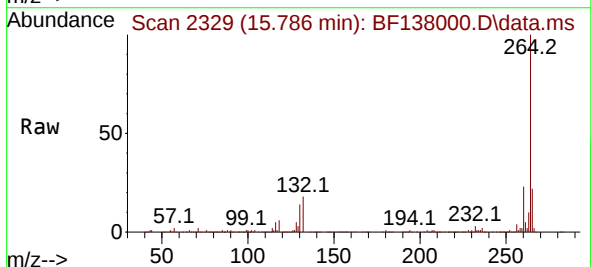
Manual Integrations
APPROVED

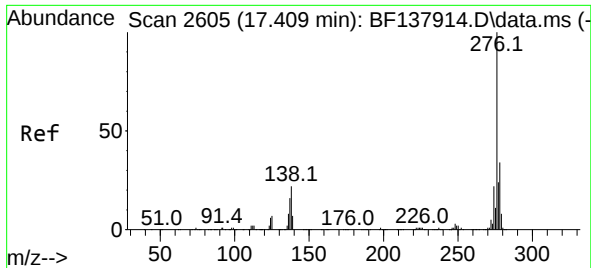
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 2329
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

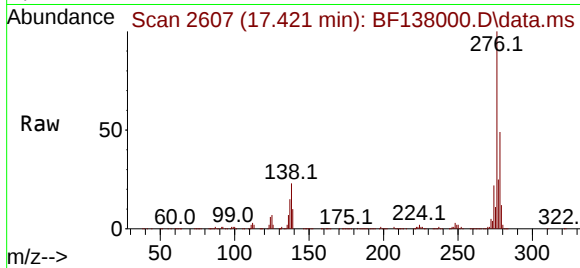
Tgt Ion:264 Resp: 295625
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 22.2 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.874 ng
RT: 17.421 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

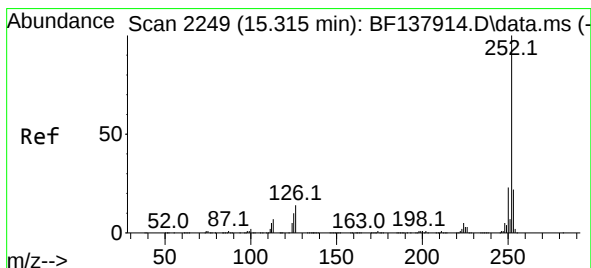
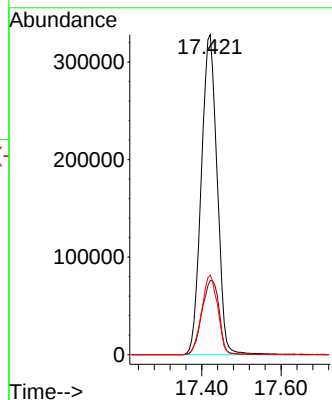
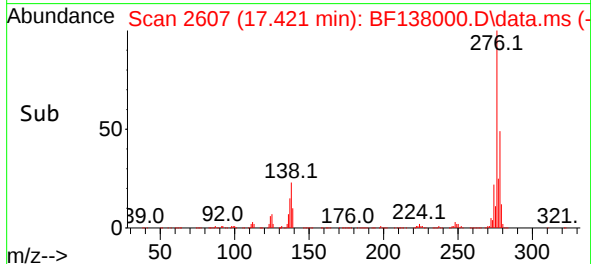
Instrument :
BNA_F
ClientSampleId :
PB161028BSD



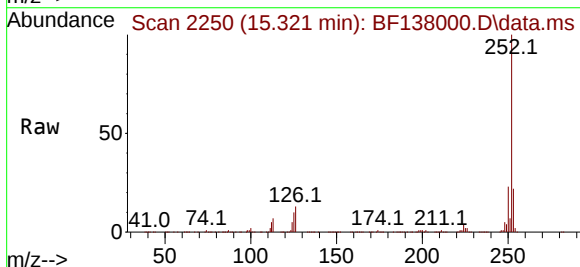
Tgt Ion:276 Resp: 90928
Ion Ratio Lower Upper
276 100
138 25.2 20.6 30.8
277 25.5 20.2 30.2

Manual Integrations
APPROVED

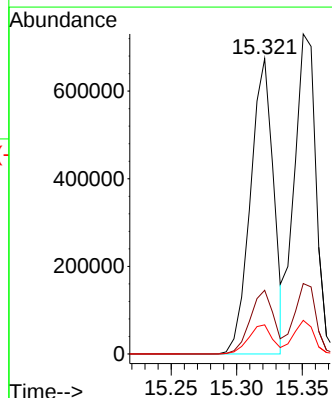
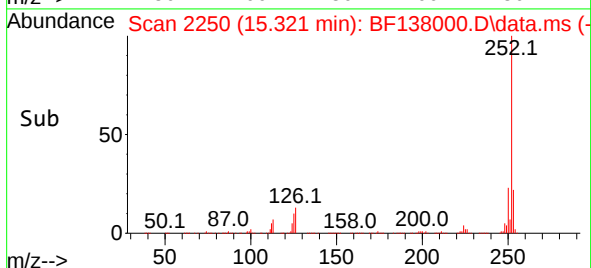
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

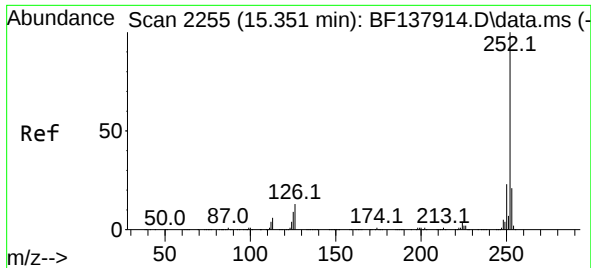


#88
Benzo(b)fluoranthene
Concen: 48.260 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:252 Resp: 826061
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.9 8.2 12.4





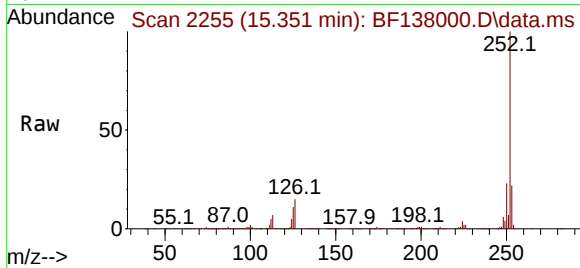
#89
Benzo(k)fluoranthene
Concen: 50.252 ng
RT: 15.351 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

ClientSampleId :

PB161028BSD



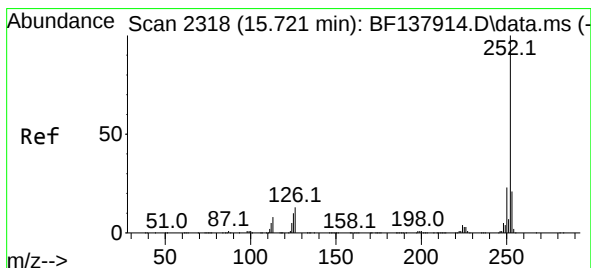
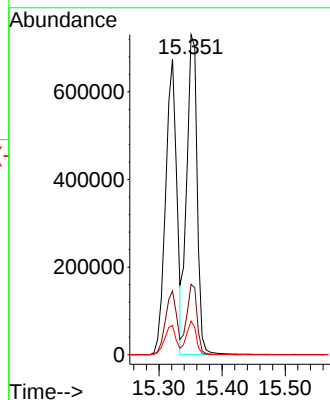
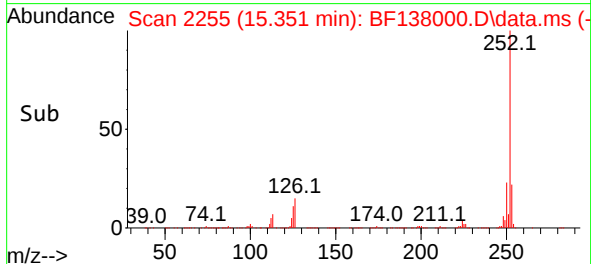
Tgt Ion:252 Resp: 845028
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.5 7.7 11.5

Manual Integrations

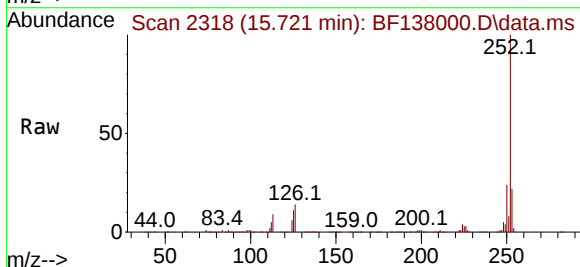
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

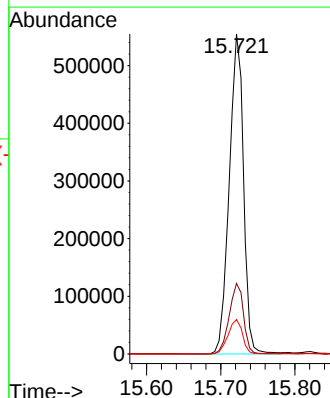
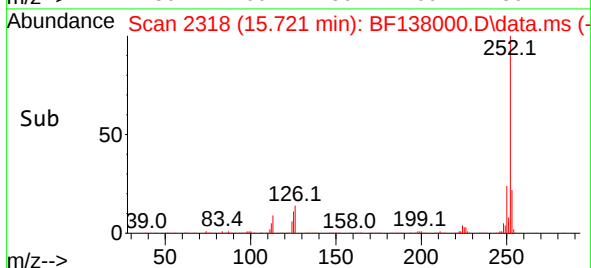
Supervised By :mohammad ahmed 05/24/2024

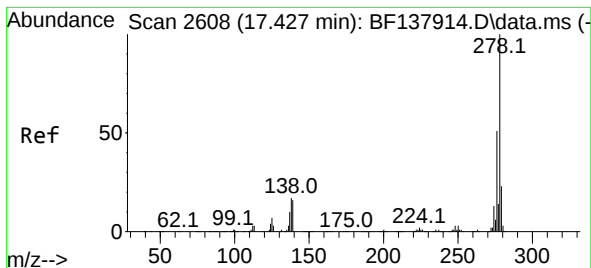


#90
Benzo(a)pyrene
Concen: 50.631 ng
RT: 15.721 min Scan# 2318
Delta R.T. 0.000 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14



Tgt Ion:252 Resp: 740029
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.8 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 47.472 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Instrument :

BNA_F

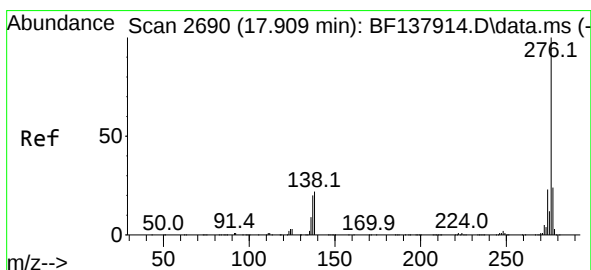
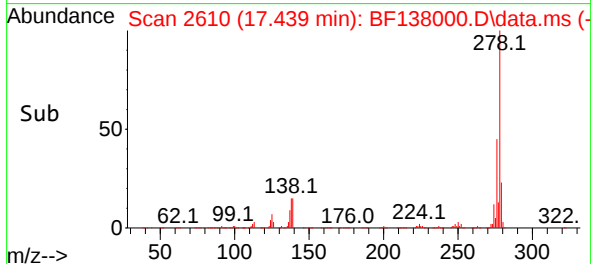
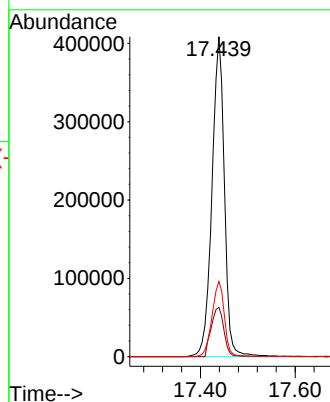
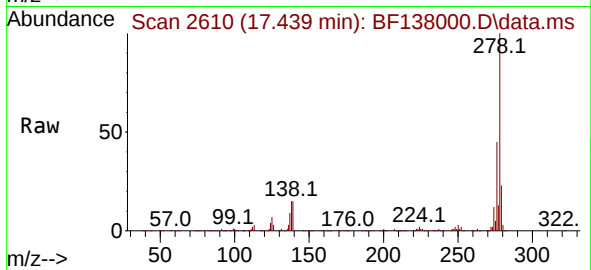
ClientSampleId :

PB161028BSD

Tgt Ion:278 Resp: 74494
Ion Ratio Lower Upper
278 100
139 15.5 13.1 19.7
279 23.5 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: 43.390 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF138000.D
Acq: 22 May 2024 12:14

Tgt Ion:276 Resp: 715270
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 21.4 17.6 26.4

